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1991 Graduate Employment and Education Follow-up Survey: Alberta Colleges and Technical Institutes*

Summary of Survey Results

*Conducted by HLA Consultants for
Alberta Career Development and Employment

January, 1992

Alberta
CAREER DEVELOPMENT
AND EMPLOYMENT

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Preface

This document presents the results from the *1991 Graduate Employment & Education Follow-up Survey: Alberta Colleges and Technical Institutes*. This survey, the second in a longitudinal study of 1985/86 Alberta college and technical institute graduates, updated and expanded on information obtained in a 1987 survey of this same set of graduates. The 1991 survey was commissioned by Alberta Career Development and Employment, conducted by HLA Consultants and jointly funded by Alberta Career Development and Employment and Alberta Advanced Education. Its purpose was to provide information on the labour market and educational experiences of these 1985/86 graduates approximately five years after graduation.

The report presents background to the survey, and a comparative summary of the 1987 and 1991 survey results. These results are reported at three levels of detail. These are:

- the **provincial level,** which describes the labour market experiences of graduates from all colleges and technical institutes;
- the **broad field of study** level, which describes the labour market experiences of graduates from major fields of study such as Health Services or Management & Administration; and
- the **program level,** which describes the labour market experiences of graduates from specific programs of study such as Aircraft Engineering, Psychiatric Nursing or Photography.

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Executive Summary

In February, 1991, the Department of Alberta Career Development and Employment commissioned a follow-up survey of the 1985/86 graduates from Alberta's colleges and technical institutes. This survey, the second in a longitudinal study of these graduates, updated and expanded on information obtained in an initial 1987 survey. Both surveys were designed to provide snapshots of graduates' labour market and educational experiences: the 1987 survey at approximately 6 months after graduation, and the 1991 survey at approximately five years after graduation.

This report summarizes the key results from the 1991 survey and compares them to the results from the 1987 survey. In so doing, it provides a comprehensive picture of the school-to-work transitions of these graduates.

1. Overall, graduates fared much better in the labour market in 1991 than in 1987. This progress was attributable to the improved economy and graduates' increased experience in the workforce.

2. Roughly nine out of ten graduates participated in the labour force in both 1987 and 1991. However, in 1991, the percentage of these labour force participants who were unemployed (4 percent) was substantially lower than the analogous 1987 percentage (13 percent).

3. In both 1987 and 1991, the vast majority of graduates were paid employees; only a small percentage of graduates were self employed. However, the proportion of self-employed graduates increased slightly between 1987 and 1991.

4. In 1991, most graduates (83 percent) were still working in jobs that were directly or somewhat related to the programs from which they graduated in 1985/86. This proportion was virtually identical to that found in the 1987 survey.

5. Graduates were highly successful at finding full-time employment in both survey years; roughly nine out of ten graduates were employed in full-time jobs in both 1987 and 1991. However, a smaller proportion (roughly three-quarters of graduates in both survey years) had found full-time, study-related work.

6. In 1987, graduates were far more successful in securing full-time work than they were in finding permanent work; 90 percent had obtained full-time employment while 80 percent had obtained permanent employment. However, by 1991, a full 94 percent of graduates were working in permanent jobs.

7. Graduates' earnings increased considerably between 1987 and 1991. At the time of the 1987 survey, the average monthly starting salary of graduates working full-time in study-related jobs was $1,721.[1] By 1991, these earnings had increased 43 percent to $2,473.

8. In both 1987 and 1991, nearly two-thirds of graduates were concentrated in just five occupational categories. These were: Clerical & Related, Natural Science/ Engineering/Mathematics, Management & Administration, Medicine & Health and Service.

9. In both survey years, over three-quarters of graduates worked in service industries (Health and Social Service, Business Service, Retail Trade, etc.).[2]

10. Graduates' transitions into the labour market, especially in the later stages, were characterized by a good deal of stability. For example, on average they had held their February, 1991 jobs for over two and one-half years. However, in the four year period between the 1987 and 1991 surveys, roughly two-thirds of graduates had changed occupations and industries.

11. The vast majority of graduates (94 percent) were satisfied or very satisfied with their February, 1991 jobs. However, only slightly more than half of them were very satisfied with these jobs.

12. One in five graduates had garnered another diploma, certificate or degree since graduating from their programs in 1985/86. Roughly the same proportion were enrolled at a post-secondary institution at the time of the 1991 survey, the majority as part-time students.

13. Nearly two-thirds of graduates, if given another chance, would have taken the same program of studies they graduated from in 1985/86.

14. The majority of graduates had received some training in their work places. Over three-quarters of graduates had received some informal training (training provided under normal work conditions provided by an experienced worker or supervisor) in their February, 1991 jobs.

15. Roughly four out of ten graduates had received formal training. Formal training was defined as training provided by an instructor, computer or manual that had an identifiable structured plan designed to develop a worker's skills. Those who had received this type of training most commonly received computer training or training that upgraded the knowledge of their specific fields.

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1 This figure of $1,721 is reported in 1991 constant dollars, which are crude measures derived from the consumer price index.

2 The service industries are: Transportation & Storage, Communications & Utilities, Wholesale Trade, Retail Trade, Finance & Insurance, Real Estate & Insurance, Business Service, Government Service, Education Service, Health & Social Service, Accommodation/Food/Beverage and Other Service.

16. The labour market experiences of graduates from all fields of study improved over time. However, graduates from some fields of study experienced far more improvement than graduates from other fields.

17. Health Services graduates were highly successful in the labour market in both 1987 and 1991. They had low unemployment rates, high earnings and a high incidence of study-related employment. Moreover, they showed the greatest amount of employment stability of all graduates. For example, they had held their February, 1991 jobs for the greatest length of time and were the least likely to have changed occupations and industries between 1987 and 1991.

18. Resource Technology graduates, on the other hand, had the greatest difficulty integrating into the labour market. Even though by 1991 their extremely high unemployment rates had dropped, and their labour force participation and incidence of permanent employment had increased, they still experienced the lowest incidence of full-time, study-related work and were the most likely to have changed occupations and industries between 1987 and 1991.

19. Computing Science graduates, who were reasonably successful in the labour market in the early stages of their transitions, enjoyed the most labour market success in 1991. Every graduate participated in the labour force, and only 3 percent of them were unemployed. Moreover, they had the highest incidence of full-time, study-related employment, and by far the highest earnings.

20. Engineering & Applied Science graduates also showed remarkable improvement. While in 1987 they were among the least successful in the labour market, they were among the most successful in 1991. Notably, their unemployment rates dropped dramatically, and they enjoyed high earnings and a high incidence of full-time, study-related employment.

21. Arts, Humanities graduates' labour market experiences had improved the least between the two survey years, so that by 1991, they had become the least successful of all graduates. They had the lowest incidence of full-time, study-related employment, the lowest incidence of permanent employment, and the second lowest earnings. Even so, they had a high participation rate and extremely low unemployment rate.

22. For the most part, graduates shared similar labour market experiences regardless of gender. However, in general, women and men were not employed in the same kinds of jobs, nor in the same types of industries. Moreover, women were significantly less likely than men to be working full-time. In addition, men earned more than women in both survey years, and this earnings imbalance widened between 1987 and 1991.

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1.0 Introduction

In February, 1991, the Department of Alberta Career Development and Employment commissioned a follow-up survey of 1985/86 graduates from Alberta's colleges and technical institutes to assess their labour market and educational experiences approximately five years after graduation. This survey updated and expanded on information obtained from a 1987 survey of this same set of graduates.

By summarizing the key findings from the 1991 survey, and comparing them to the findings from the 1987 survey, the report provides a picture of the short- and long-term labour market experiences of the 1985/86 graduates. It is therefore a valuable counselling tool that will aid students in making career decisions. In addition, it will be of interest to planners and anyone interested in understanding these graduates' transitions from school to work.

The document provides results at a level of detail not found in any publications describing the employment success of Alberta college and technical institute graduates. Survey information is presented at three increasing levels of detail, ranging from the provincial to the program level.

- the **provincial level** describes the labour market experiences of graduates from all colleges and technical institutes;
- the **broad field of study** level describes the labour market experiences of graduates from major fields of study such as Health Services or Management & Administration; and
- the **program level** describes the labour market experiences of graduates from specific programs of study such as Aircraft Engineering, Psychiatric Nursing or Photography.

The report is structured as follows: Section 1.0 describes the background, objectives and methodology of the survey; Section 2.0, presents a summary of survey results at the provincial level, and also offers an analysis by broad field of study and gender; and Section 3.0 provides information at the program level.

1.1 Background

Since 1985, the Department of Alberta Career Development and Employment has conducted three surveys designed to monitor the transition of college and technical institute graduates into the labour force. The first two, conducted in 1986 and 1987, provided snapshots of graduates' experiences approximately 6 months after graduation. Both surveys focussed on current labour force status, occupations and industries, earnings, degree of job relatedness to programs of study and further educational activities.

The 1986 and 1987 surveys provided valuable information on the early stages of the graduates' transitions into the workforce. However, the transition from the classroom to the workplace take years to complete. Therefore, the 1991 survey was conducted to provide information on the later stages of graduates' transitions.

The survey retained comparability with the 1987 survey but was expanded in scope to gain insights into areas such as work history and further education and certification obtained since the 1987 survey. The survey was jointly funded by Alberta Career Development and Employment and Alberta Advanced Education and was conducted by HLA Consultants of Edmonton.

1.2 Objectives

The primary objectives of the 1991 survey were two-fold:

a) to gather data from the 1985/86 graduates of colleges and technical institutes on variables including:

- work history;
- current labour force status;
- current occupations and industries;
- earnings;
- perceptions of job relatedness to programs graduated from in 1985/86;
- job satisfaction;
- further certification received;
- current educational activities; and
- training received in the workplace.

b) to compare the 1991 results to the 1987 results to determine the success of graduates transitions into the workplace.

1.3 Methodology

1.3.1 Graduates Surveyed

Both the 1987 and 1991 surveys were designed to yield a sufficient number of responses to ensure highly reliable data for all provincial programs. In order to achieve this goal, in each survey year, a census of the graduates was targetted. In 1987, all 8,101 of the 1985/86 graduates were surveyed and an overwhelming 78 percent, or 6,337 of the graduates, responded to the survey. However, 22 percent (1,764) of the graduates could not be reached, and were subsequently excluded from the 1991 survey. Therefore, the 1991 survey canvassed the 6,337 graduates who provided responses to the 1987 survey; this time 3,895, or 62 percent of the graduates provided responses to the survey.

Graduates were defined as those who graduated from public colleges and technical institutes during the academic year 1985/86 completing technical and career-related programs of at least 32 weeks in duration. University transfer, academic upgrading, pre-technology or pre-employment, apprenticeship and non-career (i.e. hobby or personal development) programs were excluded from the survey.

The public colleges and technical institutes from which the graduates came were as follows:

- Alberta College of Art;
- Fairview College;
- Grande Prairie Regional College;
- Grant MacEwan Community College;
- Keyano College;
- Lakeland College;
- Lethbridge Community College;
- Medicine Hat College;
- Mount Royal College;
- Northern Alberta Institute of Technology;
- Olds College;
- Red Deer College;
- Southern Alberta Institute of Technology;
- Westerra Institute of Technology[1].

1.3.2 Questionnaire

The questionnaire consisted of 14 multi-part questions that elicited information on 121 variables. Questions on work history, current employment status and characteristics, training received in the workplace and further educational activities were included in the questionnaire. A copy of the questionnaire and cover letter are presented in Appendix B.

1.3.3 Data Collection and Processing

To achieve the high response rate required for the survey, a single mail-out followed by intensive telephone follow-up to those who did not respond by mail was employed. All graduates were sent a package containing a blank questionnaire, cover letter and postage-paid return envelope on February 4, 1991. Telephone follow-up began approximately three weeks after the mail-out and continued until mid April,1991.

The data were collected, coded, entered, verified and initially processed by HLA Consultants. Further data processing, analysis, writing and preparation of reports was done by Alberta Career Development and Employment.

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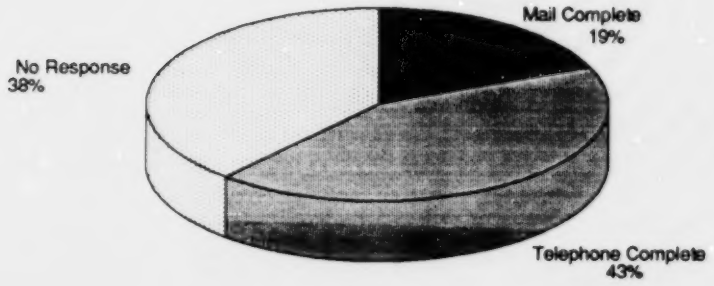
[1] Westerra Institute of Technology closed in 1989 and is currently a part of the Northern Alberta Institute of Technology.

1.3.4 Survey Response

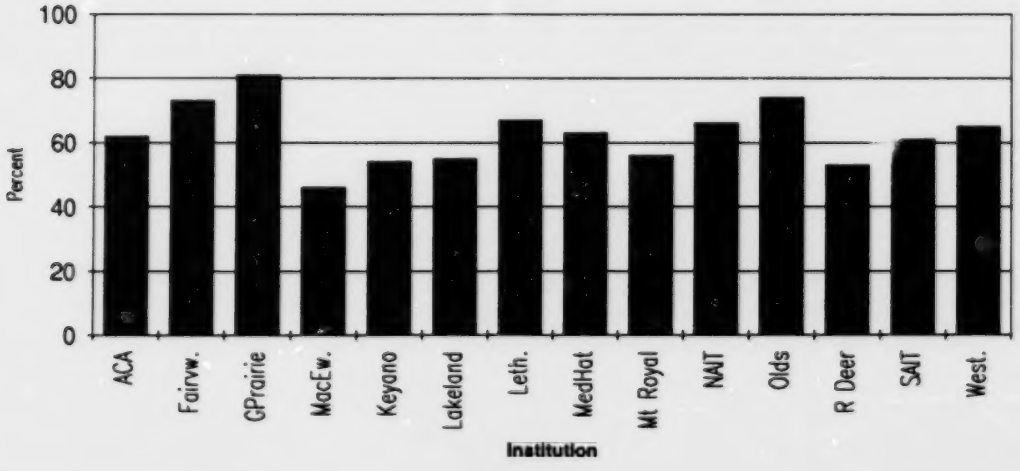
The response to the survey was very good, especially in view of the time that had elapsed since graduation. Of the 6,337 graduates surveyed, 3,895 responded to the questionnaire, for a response rate of 62 percent.[2] Figure 1.1 presents a breakdown of the survey response.

Figure 1.1
1991 Survey Response



As shown in Figure 1.2 below, response rates varied considerably across institutions. The rates ranged from a high of 81 percent from Grande Prairie Regional College to a low of 46 percent from Grant MacEwan Community College.

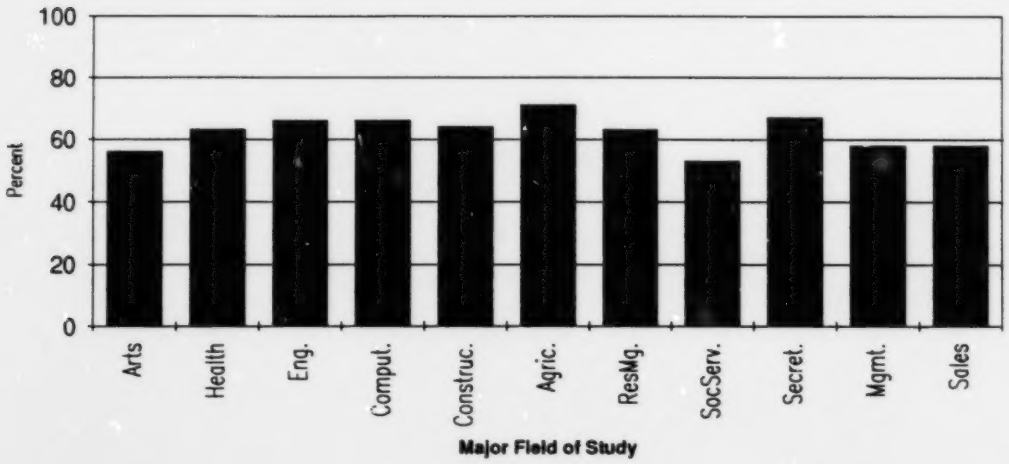
Figure 1.2
Survey Response by Institution



2 Confidence levels were calculated from the number of respondents as a percentage of the entire 1985/86 graduating class - not as a percentage of the subset resurveyed in 1991. For further discussion, see Appendix C.

Response rates by major field of study[3] showed less variability than institutional response rates. Figure 1.3 shows that the highest response rate (71 percent) was from graduates of Agriculture & Related programs, while the lowest response rate belonged to Social Services graduates (53 percent).

Figure 1.3
Survey Response by Major Field of Study



1.3.5 Reliability and Limitations of Data

The detailed survey design and very good overall response rates provided for a high level of precision in the results. This means the results can be interpreted with a high degree of confidence as being representative of the 1985/86 graduates. A brief discussion of the technical aspects of the data quality is included in Appendix C.

Although the results indicate a high level of precision, they reflect only the experiences of the 1985/86 graduating class. While a graduate's success in the labour market depends to a large extent on the type of diploma or certificate s/he received, it also depends on a variety of other factors, including the economic conditions prevailing at the time. Therefore, when using this document for career counselling, the reader should bear in mind that the experiences of this graduating class will not necessarily be those of future graduating classes.

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3 Programs of similar content were grouped to form the 11 major fields of study.

2.0 Summary of Survey Results

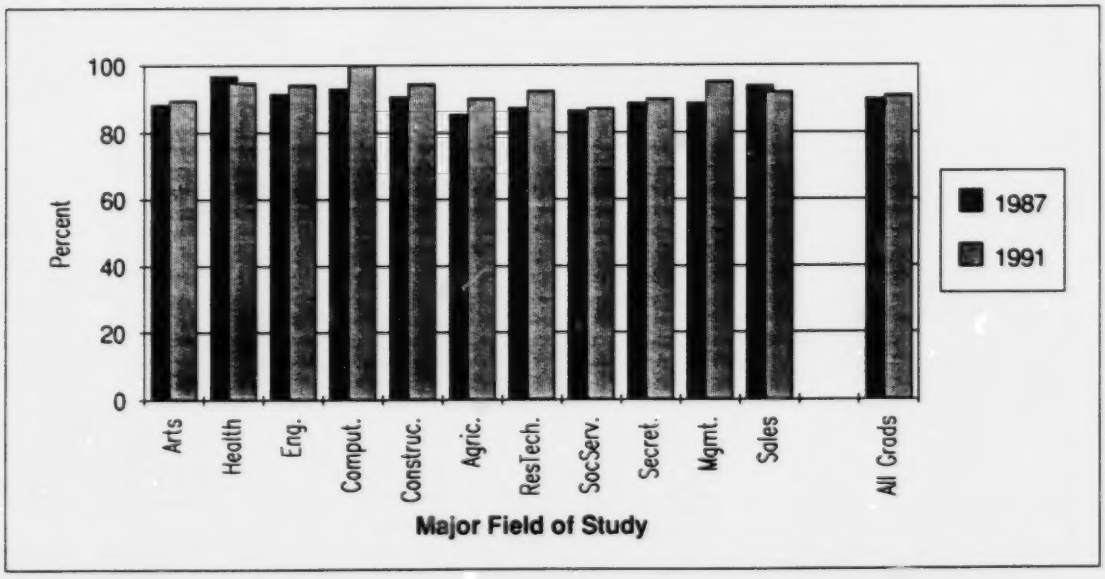
2.1 Labour Force Participation

Figure 2.1 indicates that in February, 1991, 91 percent of the graduates participated in the labour force[4]. This figure was virtually identical to that found four years earlier, when 90 percent of the graduates were in the labour force. Moreover, this 1991 participation rate was higher than that of Albertans of a similar age group. The February, 1991 participation rate for Albertans aged 25 - 34 was 86 percent.[5]

An analysis by major field of study[6] revealed two trends: First, that labour force participation rates were higher in 1991 than in 1987 for most fields of study; and second, that as in 1987, labour force participation differed noticeably across major fields of study (Figure 2.1). In February, 1991, Computing Science graduates had the highest participation rate (100 percent); conversely, the lowest participation rate belonged to Social Services graduates (87 percent). A detailed breakdown of participation rates by major field of study is provided in Appendix F, Table 1.

In 1987, female and male graduates exhibited equally high participation rates of 90 percent. However, by 1991, men's labour force participaton had climbed to 95 percent, while women's participation remained at 90 percent.

Figure 2.1
Labour Force Participation by Field of Study



4 Labour force participants were either employed or unemployed and looking for work.

5 Statistics Canada, 71-001, *The Labour Force*, February, 1991.

6 Programs of similar content were grouped to form the 11 major fields of study. For a listing of the specific programs that comprised these major fields of study, see Appendix E.

2.2 Employment Rates

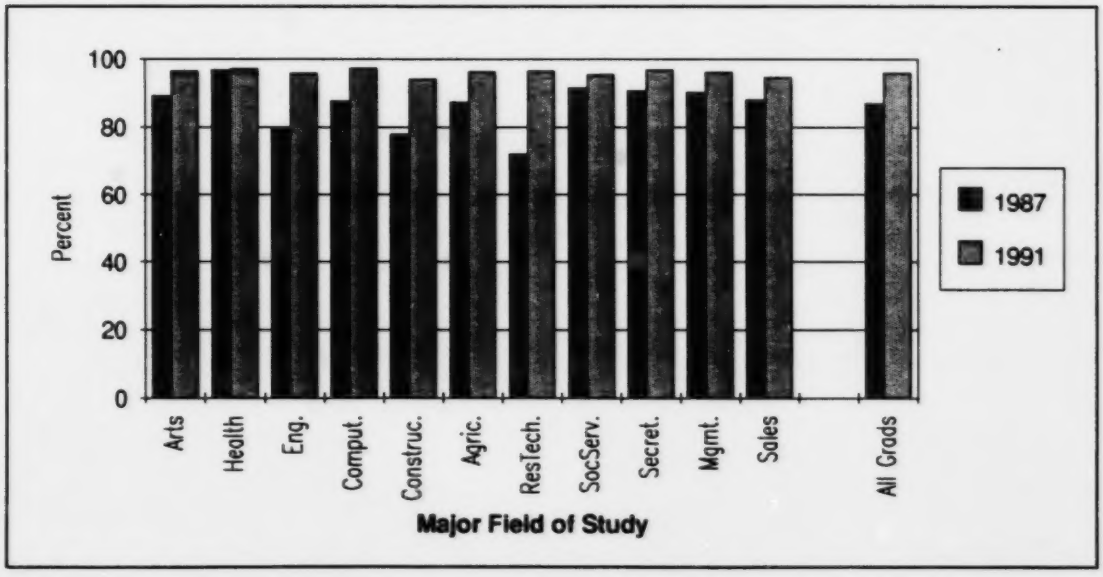
As Figure 2.2 demonstrates, of graduates who were in the labour force in February, 1991, a full 96 percent of them were employed. This employment rate was 9 percentage points higher than the 1987 employment rate, and substantially higher than the employment rate of Albertans of a similar age group; the employment rate in February, 1991 for Albertans aged 25 - 34 was 90.4 percent.[7]

While employment rates varied considerably across fields of study in 1987, they were consistently high in 1991. Graduates from all fields of study had employment rates in excess of 93 percent, with Computing Science graduates exhibiting the highest rate (97 percent) and Construction/Fabrication/Repair graduates exhibiting the lowest rate (94 percent).

The greatest increases in employment rates in the period between 1987 and 1991 came from Resource Technology and Engineering & Applied Science graduates. Resource Technology graduates' employment rates jumped 24 percentage points -- from 72 to 96 percent, and Engineering & Applied Science graduates' rates rose from 80 to 96 percent, an increase of 16 percentage points. This much improved employment success is largely attributable to the improved economic conditions in the industries where these graduates sought work. Further information on employment rates by field of study is available in Appendix F, Table 2.

In 1987, women were significantly more likely than men to have been employed (91 and 83 percent respectively). However, by 1991, the employment rate had risen to 96 percent for both genders.

Figure 2.2
Employment Rates by Field of Study



7 Statistics Canada, 71-001, *The Labour Force*, February, 1991.

2.3 Self-Employment

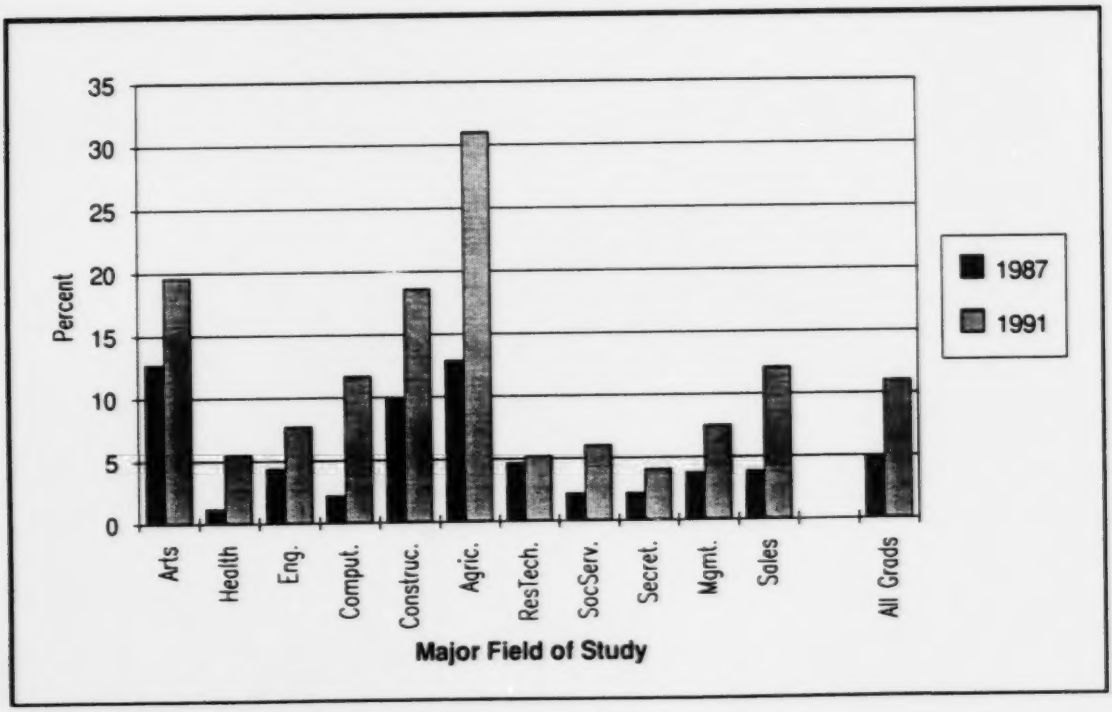
Although the vast majority of graduates were paid employees in both 1987 and 1991, the percentage of graduates who were self-employed rose from 5 percent in 1987 to 11 percent in 1991.

Across fields of study, Agriculture & Related graduates had the highest incidence of self-employment in both 1987 and 1991 (Figure 2.3). In fact, by 1991, roughly one-third of these graduates were self-employed, 57 percent of them as farmers. In contrast, Secretarial/ Clerical graduates were among the least likely to be self-employed in both survey years; their rates were 2 percent in 1987 and 4 percent in 1991. For further information on self-employment by field of study, see Appendix F, Table 3.

Agriculture & Related graduates, in addition to exhibiting the highest incidence of self-employment, showed the greastest increase in self-employment between 1987 and 1991. This increase in self-employment was seen, to a lesser degree, in all fields of study.

Men were far more likely than women to be self-employed in both 1987 and 1991; in both years, their incidence of self-employment was more than double women's incidence.

Figure 2.3
Graduates Self-Employed
by Field of Study



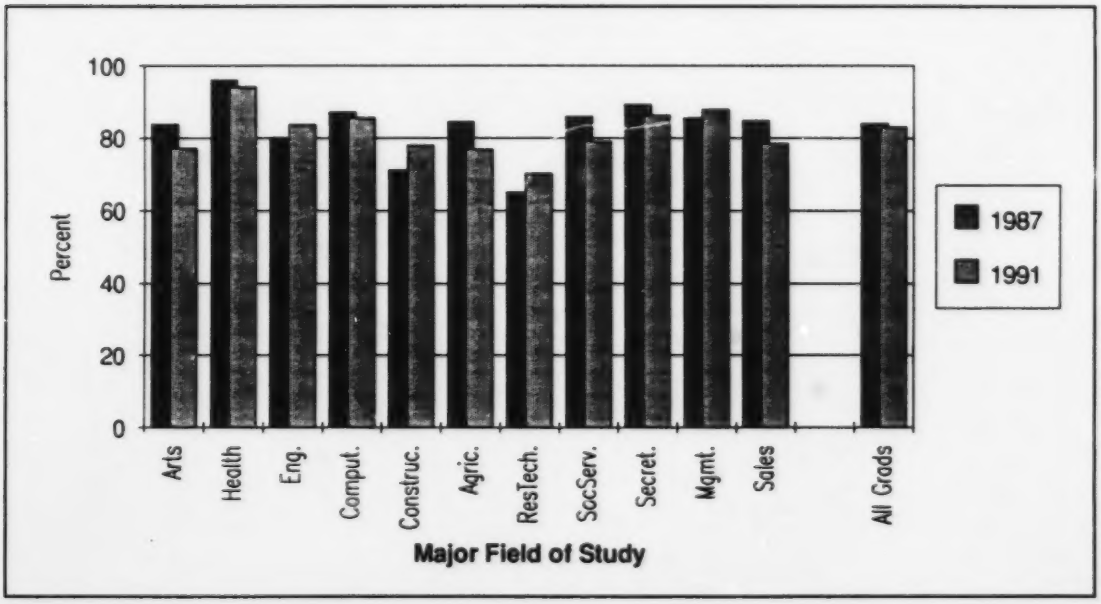
2.4 Relatedness of Employment to Program Graduated from in 1985/86

Figure 2.4 shows that in 1991, the vast majority of graduates (83 percent) were still working in jobs related to the programs from which they graduated in 1985/86. This figure is virtually identical to that from the 1987 survey, where 84 percent of graduates were working in study-related jobs.

However, graduates were not uniformly successful in securing related employment. As in 1987, Health Services graduates reported the highest proportion of employment in study-related work (94 percent), while Resource Technology graduates reported the lowest percentage of employment in this category (70 percent). However, while the percentage of Resource Technology graduates in related work increased between 1987 and 1991, the percentage of Health Services graduates in related work remained virtually unchanged. Moreover, in most fields of study, the incidence of related employment declined slightly between 1987 and 1991; only in a few fields did the incidence of study-related employment increase. Further information on study-related employment by field of study is available in Appendix F, Table 4.

While the percentage of graduates in study-related employment varied across fields of study, this was not the case for gender. In 1991, both women and men were highly likely (84 and 82 percent respectively) to be in study-related employment. This differed somewhat from the 1987 data where women were slightly more likely than men to be in study-related jobs (88 percent and 80 percent respectively).

Figure 2.4
Graduates in Jobs Related to 1985/86 Program
by Field of Study



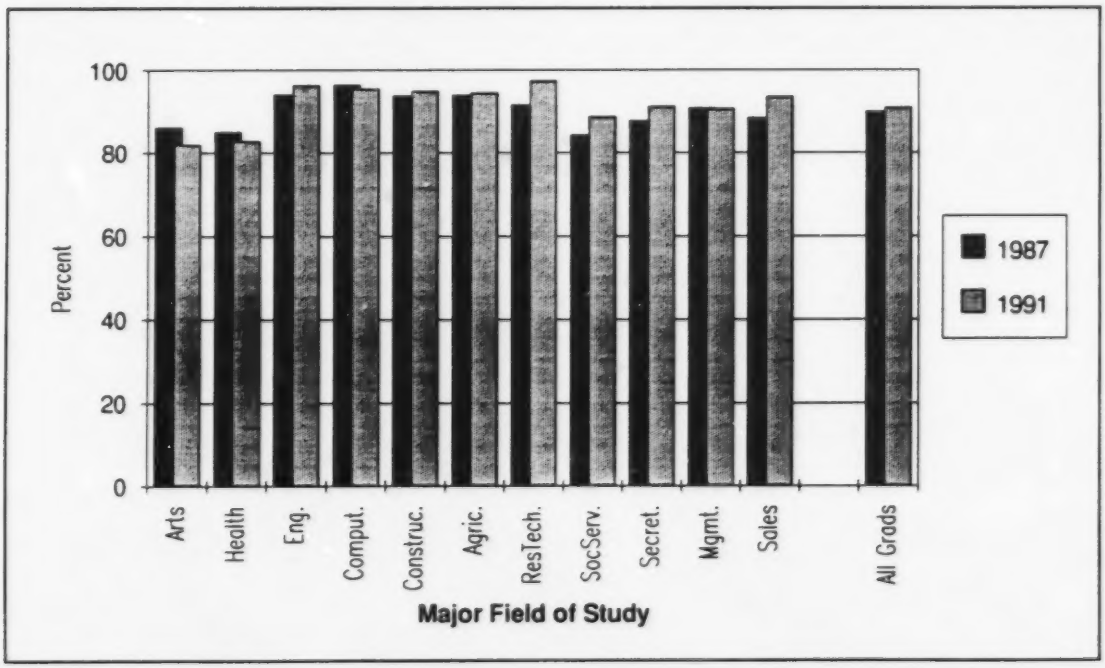
2.5 Full-Time Employment

In both 1987 and 1991, roughly nine out of ten graduates employed at the time of the survey were working full-time.

As in 1987, full-time employment varied considerably across fields of study (Figure 2.5). Resource Technology graduates were most likely to hold full-time positions (97 percent), while Arts, Humanities graduates were least likely to be employed full time (82 percent). However, while the Resource Technology statistic was five percentage points higher in 1991 than in 1987, the Arts, Humanities statistic was four percentage points lower. In spite of the drop in full-time employment in this field, however, most fields of study showed moderate increases in full-time employment between 1987 and 1991. For further information on full-time work by field of study, see Appendix F, Table 5.

Significantly fewer women than men (86 and 93 percent respectively) were working full-time in 1987. While this was also the case in 1991, the percentage of women employed full-time remained constant at 86 percent, while the percentage of men in full-time employment rose to 96 percent. Moreover, men and women had different reasons for holding part-time jobs. Men's most frequent reason, cited by one-third of them, was that they were going to school, whereas one-third of women working part-time had personal responsibilities to attend to.

Figure 2.5
Full-Time Employment by Field of Study



2.6 Full-Time Employment in Study-Related Work

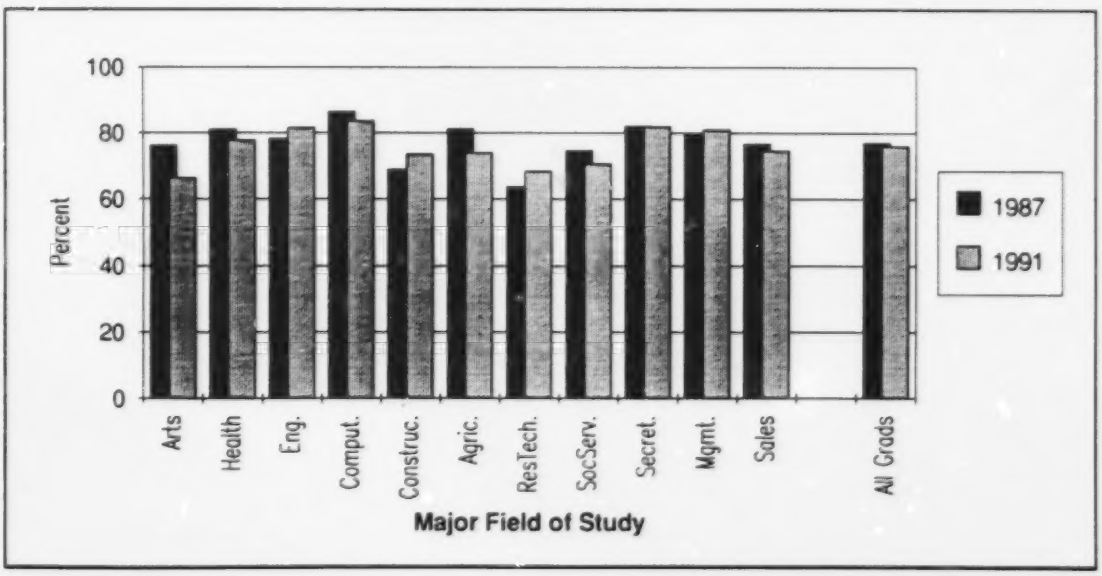
The percentage of graduates holding full-time positions related to their 1985/86 programs did not increase between 1987 and 1991. In both years, roughly three-quarters of graduates were employed in these types of jobs. This scenario held even when the group of graduates who had obtained further certification was excluded from the analysis.

Figure 2.6 shows that, in both 1987 and 1991, Computing Science graduates had the highest incidence of full-time, study-related employment (86 percent and 84 percent respectively). In contrast, only two-thirds of Resource Technology graduates had secured this type of employment in both survey years.

Between 1987 and 1991, the incidence of full-time, study-related employment dropped slightly in most fields of study. This was most noticeable for Arts, Humanities graduates, whose incidence of this type of employment dropped 10 percentage points. The small increases that did occur were mainly in fields of study that had been adversely affected by an economic downturn in 1986 (Resource Technology, Construction/Fabrication/Repair, Engineering & Applied Science); as the economy improved, so did their chances of finding full-time, study-related employment. For further information on full-time, training-related employment by field of study, see Appendix F, Table 6.

In 1987, roughly three-quarters of men and women were employed full-time in jobs related to their 1985/86 programs of study. However, by 1991, the percentage of men holding this type of employment rose slightly, while the percentage of women in analogous positions decreased slightly.

Figure 2.6
Full-Time Employment in Study-Related Work by Field of Study



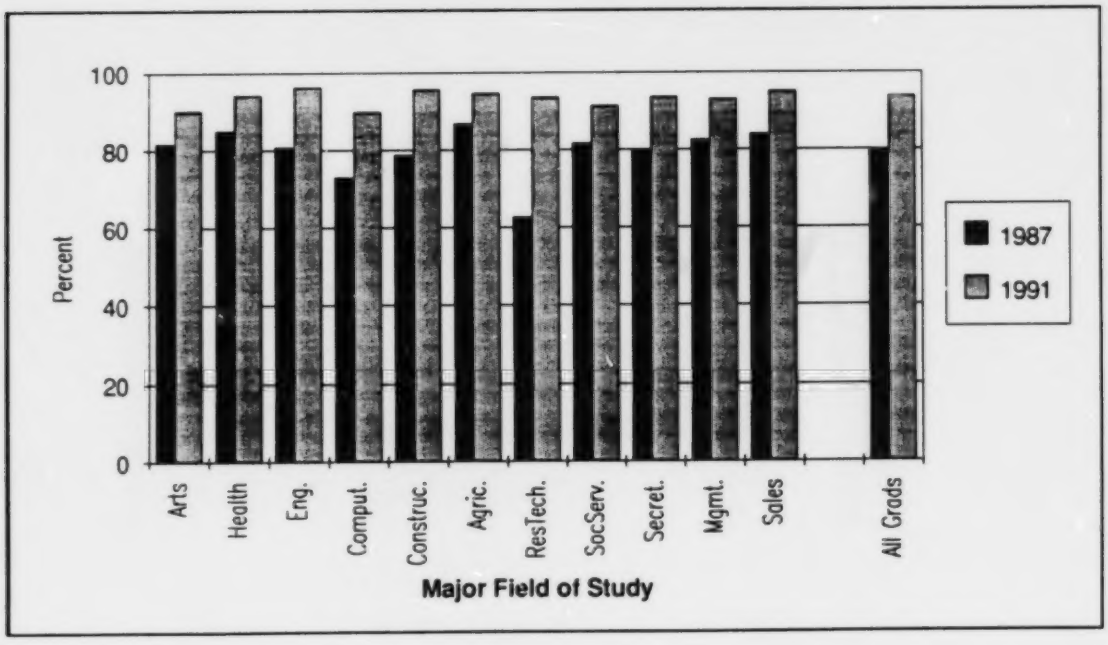
2.7 Permanent Employment

As might be expected, between 1987 and 1991, there was a marked increase in the percentage of graduates holding permanent positions (from 81 percent to 94 percent). Moreover, this increase was observed in all fields of study. Figure 2.7 shows that Resource Technology graduates experienced the most dramatic increase in permanent employment between 1987 and 1991; their incidence of permanent employment jumped 31 percentage points -- from 63 to 94 percent. Conversely, Agriculture & Related and Health Services graduates showed the smallest increases in permanent employment (8 percent and 9 percent respectively). It should be noted however, that these fields had the highest incidence of permanent employment in 1987 (87 percent and 85 percent respectively).

While in 1987 permanent employment varied considerably across fields of study (from 63 percent to 87 percent), this was not the case in 1991. In February, 1991, at least 90 percent of graduates from all fields of study were employed in permanent positions. Further information on permanent versus temporary employment by major field of study can be found in Appendix F, Table 7.

Women and men were equally likely to hold permanent employment in 1987. However, by 1991, men were slightly more likely than women to be permanently employed (95 and 93 percent respectively).

Figure 2.7
Permanent Employment by Field of Study



2.8 Monthly Earnings of Graduates in Full-Time Study-Related Employment

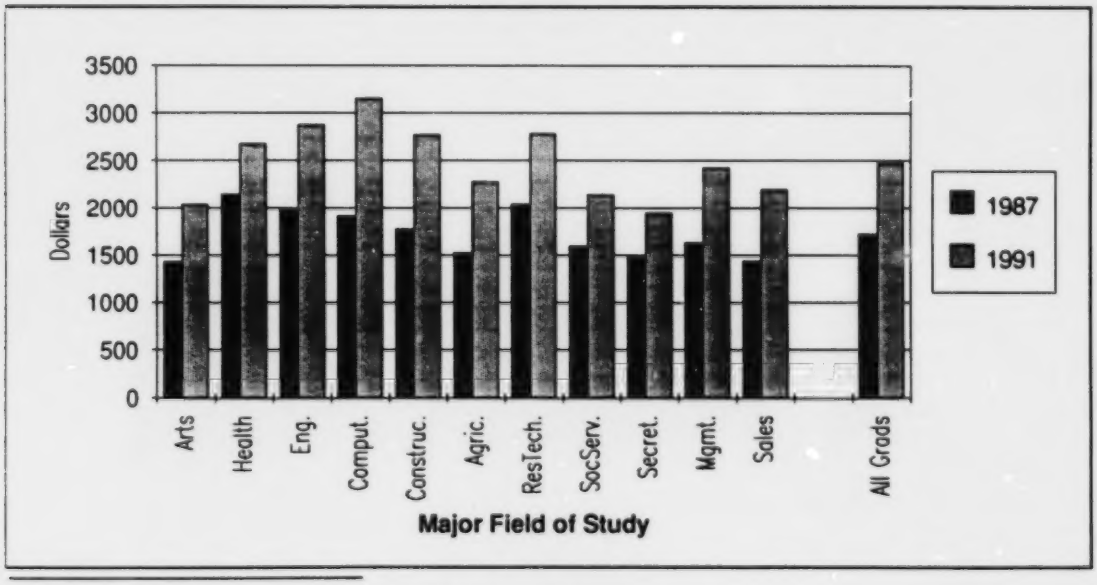
Graduates' earnings increased substantially in the period between 1987 and 1991. In 1987, gross monthly starting salaries in study-related jobs were $1,721 in February, 1991 constant dollars.[8] By February, 1991, gross monthly earnings in study-related employment had increased 43 percent to $2,473.

In both 1987 and 1991, the fields of study individuals graduated from had considerable impact on their earnings. In 1991, Secretarial/Clerical graduates had the lowest earnings ($1,945), while Computing Science graduates had, by far, the highest earnings ($3,153).

Between 1987 and 1991, earnings increased in all fields of study (Figure 2.8). Health Services graduates' gross monthly earnings increased 25 percent -- from $2,144 to $2,674. It should be noted, however, that these graduates had the highest earnings of all fields of study in 1987. Computing Science graduates, in addition to earning the most of all fields of study in 1991, also showed the largest increase in earnings between 1987 and 1991. Their earnings increased 65 percent in this time period -- from $1,913 to $3,153. For further information on earnings by field of study, see Appendix F, Table 8.

In 1991, male graduates, on average, grossed roughly $650 more per month than female graduates. Expressed as an earnings' ratio, this means that women earned 77 percent of what men did. Moreover, this wage gap increased between 1987 and 1991. While women's earnings were 87 percent of men's in 1987, they dropped to 77 percent in 1991.

Figure 2.8
Average Gross Monthly Earnings of Graduates
Employed Full-Time in Study-Related Work in 1991 Constant Dollars
by Field of Study



[8] Constant dollars are crude measures derived from the consumer price index.

2.9 Occupations

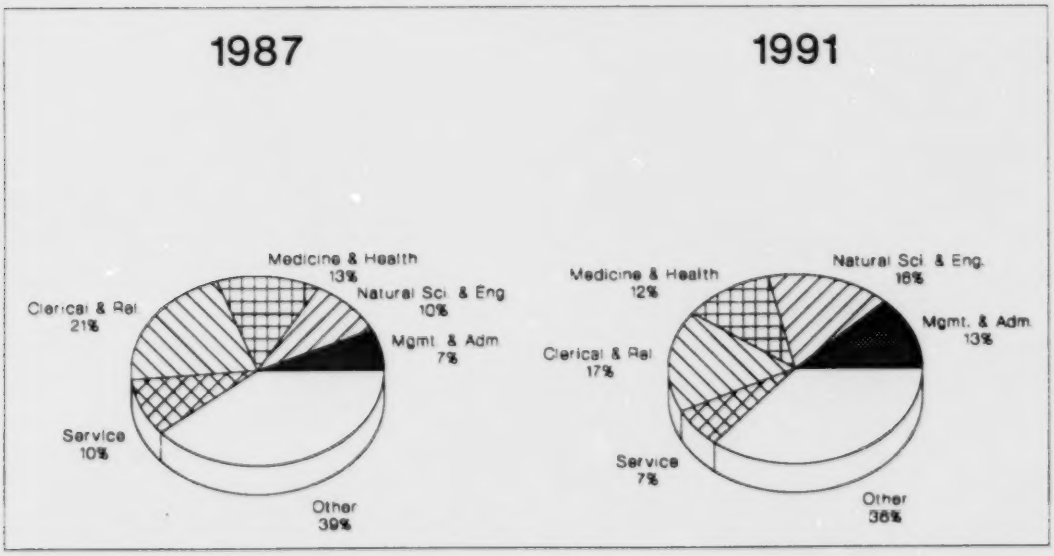
Graduates' occupations were categorized into major groupings by Statistics Canada's Standard Occupational Classification. This system of classification sorts all occupations into 22 broad categories. Although graduates were represented in each of the twenty-two groups, 64 percent of graduates were concentrated in five occupational categories. These top five, in descending order, were: Clerical & Related (17 percent), Natural Sciences/Engineering/Math (16 percent), Management & Administration (13 percent), Medicine & Health (12 percent), and Service (7 percent). Table 2.9 shows some of the typical jobs associated with each of the five occupational categories. For further information on graduates' occupations, see Appendix F, Table 9.

Table 2.9
Occupational Categories and Representative Jobs

Occupational Category	Specific Jobs
Clerical & Related	Secretary, accounting clerk, typist, receptionist, etc.
Natural Sciences/Engineering/Math	Engineering technologist, systems analyst, petroleum engineer, etc.
Management & Administration	Financial officer, services management, government administrator, etc.
Medicine & Health	Medical lab technologist, nurse , dental assistant, etc.
Service	Chefs and cooks, child care worker, security guard, waiter/waitress, etc.

Figure 2.9 shows that these were also the top occupations in 1987, although the distribution had shifted somewhat; the percentage of graduates in Management & Administration and Natural Sciences/Engineering/Math grew, while the percentage of graduates in Medicine & Health, Clerical & Related, and Service decreased.

Figure 2.9
Top Five Occupational Categories - 1987 and 1991



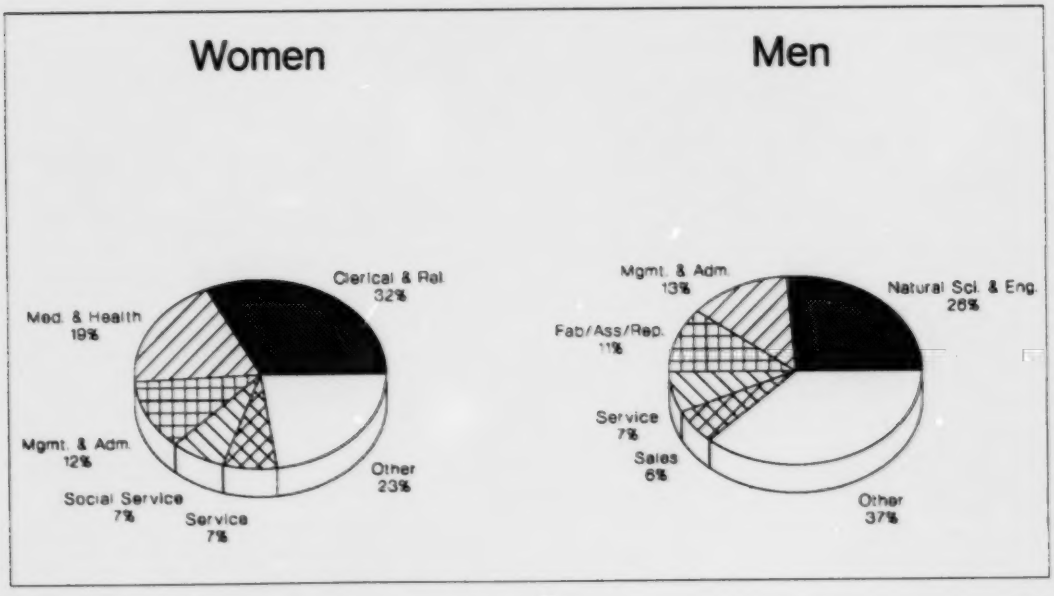
2.9.1 Occupations by Gender

In general, men and women were not employed in the same kinds of jobs, largely because they entered and graduated from different fields of study. In fact, when the top five occupational categories for each gender were compared, only two were common to both genders; these were Management & Administration and Service (Figure 2.9.1).

Almost one-third of women were concentrated in Clerical & Related occupations. Medicine & Health, at 19 percent, also accounted for a sizeable proportion of female graduates. Twelve percent of women held jobs in Management & Administration. Social Science/Services, which included jobs such as social workers and kindergarten teachers, employed 7 percent of women. Seven percent of women were also working in Service occupations. Together, these five occupational categories accounted for 77 percent of female graduates.

Men were far less concentrated in their top five occupational categories. The highest concentration of male graduates was in Natural Sciences/Engineering/Math (26 percent). This was followed by Management & Administration, which accounted for 13 percent of male graduates. Fabrication/Assembly/Repair, which included jobs such as mechanics, electrical installors, and carpenters, employed 11 percent of men. Finally, 7 and 6 percent of men were employed in the occupational categories of Service and Sales respectively. Sales included jobs such as sales clerks, real estate agents and wholesale buyers. These five occupational categories accounted for 63 percent of men.

Figure 2.9.1
Top Five 1991 Occupational Cateories
by Gender



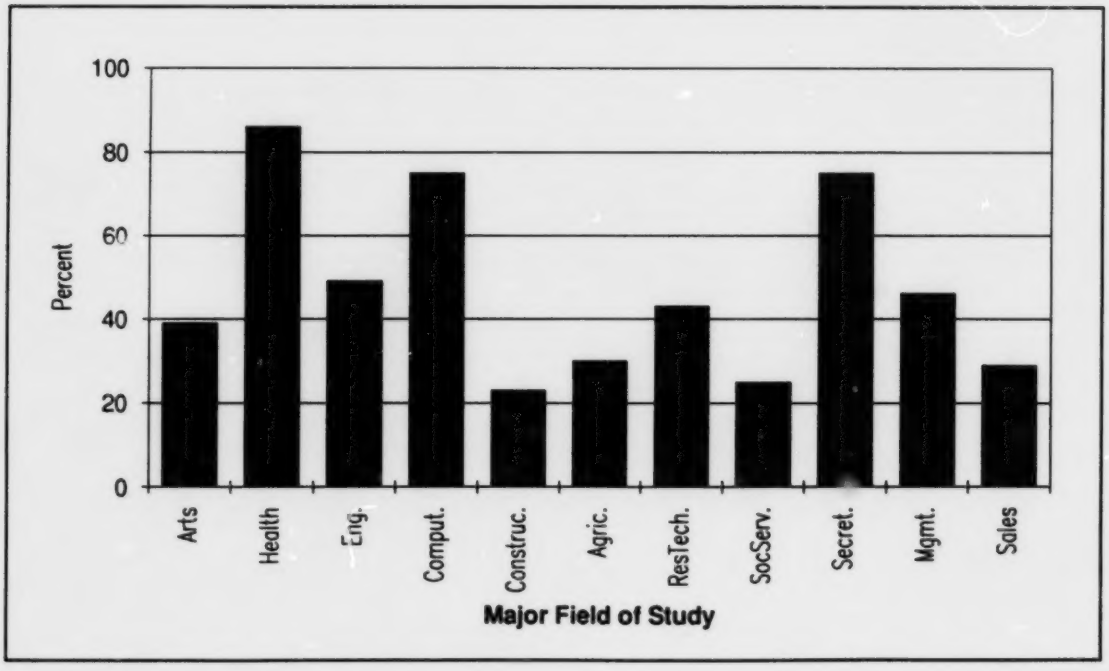
2.9.2 Occupations by Field of Study

Since most programs were designed for specific jobs, graduates from the eleven major fields of study were employed in dissimilar occupations. Moreover, while graduates from many fields of study were concentrated in one or two broad occupational categories, graduates from other fields worked in a variety of occupations.

Figure 2.9.2 shows that Health Services graduates were highly concentrated in Medicine & Health occupations; 86 percent of them worked in this category, with over one-third of them employed as nurses. Computing Science graduates were also tightly clustered. Three-quarters of them worked in Natural Science/Engineering/Math, and virtually all of them in this category were systems analysts. Similarly, three-quarters of Secretarial/Clerical graduates worked in Clerical & Related occupations, the majority of them as secretaries and typists.

Arts, Humanties graduates were far more dispersed across the occupational spectrum. Even so, over one-third worked in Art/Literature/Recreation, and well over half of the graduates in this category were employed as writers and editors. Roughly one-third of Agriculture & Related graduates worked in Farming, nearly two-thirds as farmers. For further information on occupation by field of study, and a listing of the five most frequently entered training-related occupations for each field of study, see Appendix F, Tables 10 and 13.

Figure 2.9.2
Concentration in Most Frequently Entered Occupational Categories
by Field of Study



2.10 Industries

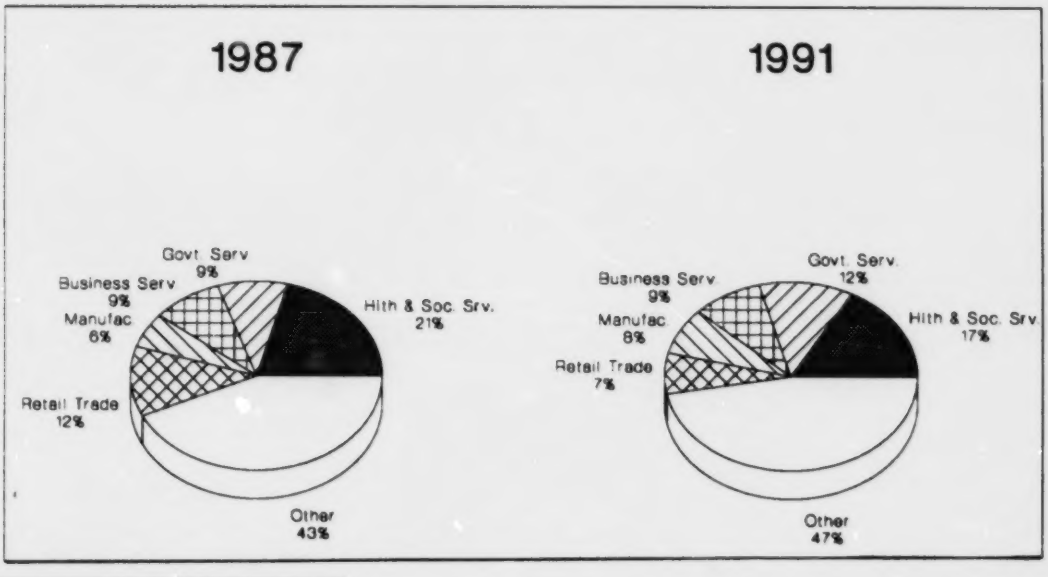
Graduates were more dispersed across the 18 industrial classifications than they were across the 20 occupational categories.[9] The top five industries, accounting for 53 percent of graduates, were: Health & Social Sevice (17 percent), Government Service (12 percent), Business Service (9 percent), Manufacturing (8 percent), and Retail Trade (7 percent). Table 2.10 displays representative industries found within these categories. With the exception of Manufacturing, all of these industries are part of what is termed the service sector.[10] For further information on industries, see Appendix F, Table 11.

Table 2.10
Industrial Categories and Representative Industries

Industrial Category	Specific Industries
Health & Social Service	Hospitals, day cares, medical laboratories, etc.
Government Service	Police services, administration, etc.
Business Service	Computer services, engineering and scientific services, etc.
Manufacturing	Refined petroleum products, electronic equipment, etc.
Retail Trade	Food stores, automobile repair shops, furniture stores, etc.

Figure 2.10 shows that, although the top five industries were the same in both 1987 and 1991, the distribution across the five categories was somewhat different. The percentage of graduates employed in Manufacturing and Government Service grew, while the percentage employed in Retail Trade and Health & Social Services declined.

Figure 2.10
Top Five Industrial Categories- 1987 and 1991



9 The 18 industrial categories, as determined by Statistics Canada, are listed in Appendix F, Table x.

10 The service sector is comprised of Transportation & Storage, Communications & Utilities, Wholesale Trade, Retail Trade, Finance & Insurance, Real Estate & Insurance, Business Service, Government Service, Education Service, Health & Social Service, Accommodation/Food/Beverage and Other Service.

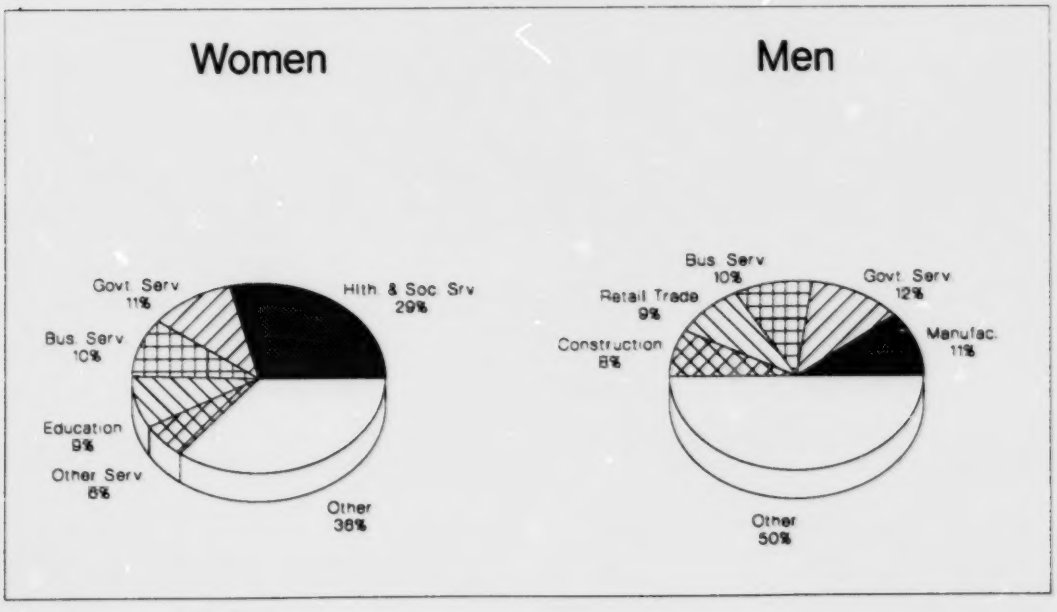
2.10.1 Industries by Gender

Just as men and women tended to be employed in dissimilar jobs, they were also employed in dissimilar industries. Of the top five industries discussed in Section 2.10, only two industries were common to female and male graduates -- Government Service and Business Service (Figure 2.10.1).

The Health & Social Service industry accounted for nearly one-third of women's employment. This was followed by Government Service (11 percent) and Business Service (9 percent). An additional 9 percent of female graduates were employed in Education Service, which included industries such as elementary and secodnary education and post-secondary non-university education. Finally, 6 percent of women were employed in Other Service, which included industries such as hairdressing shops, motion picture distribution, and sports and recreation clubs. Notably, all of these industries were part of the service sector.

The top five industries of men differed from those of women in two important ways. Concentration in the top five industries was much lower (50 percent), and two of the industries were not in the service sector. Moreover, the distribution of graduates among these five industries was relatively equal. The top two industries, accounting for 12 and 11 percent of graduates respectively, were Government Service and Manufacturing. These were followed by Business Service (10 percent). Retail Trade accounted for 9 percent of male graduates. Finally, 8 percent of men were employed in Construction, which included industries such as electric power systems, residential building and development, and truck transport industries.

Figure 2.10.1
Top Five Industrial Categories by Gender



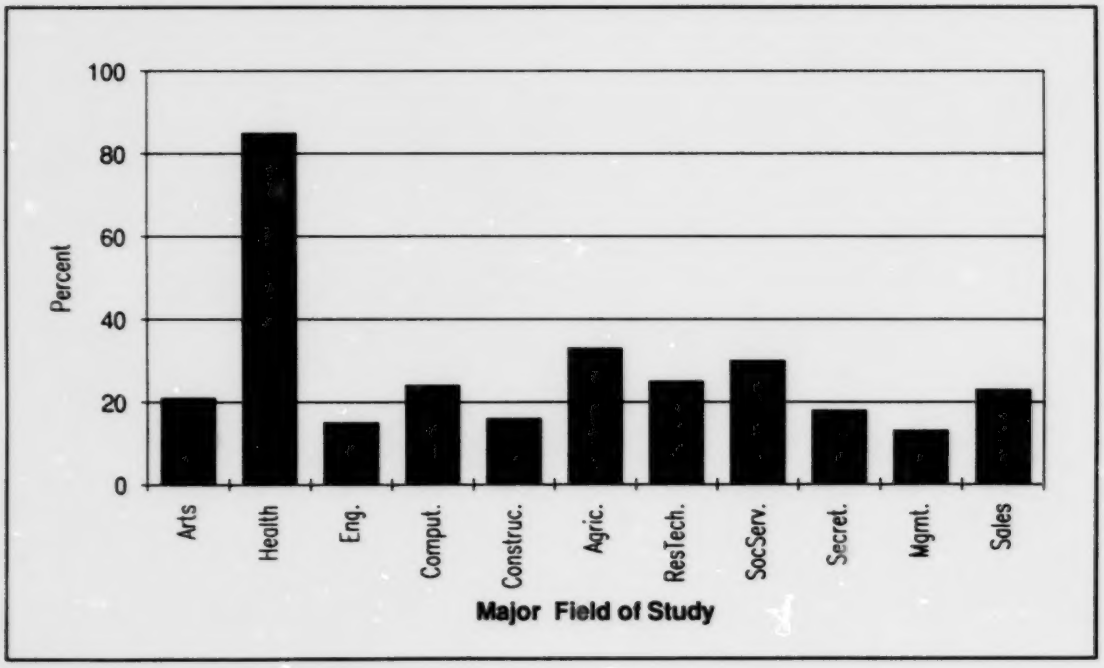
2.10.2 Industries by Field of Study

Graduates from most fields of study were far more dispersed across the industrial spectrum than they were across the occupational spectrum. This is largely because many occupations are not industry specific. For example, while most Secretarial/Clerical graduates were secretaries, and most Computing Science graduates were systems analysts, they held these occupations in a variety of industries.

Figure 2.10.2 shows that Health Services graduates had, by far, the greatest degree of industry concentration. Over 85 percent of them worked in Health & Social Services, and over half of the graduates in this industry were employed in hospitals.

Graduates from all other fields of study were much more dispersed across industries. However, this distribution was by no means even. Graduates clustered in anywhere from two to four industries. Moreover, in general, these clusters occurred in both the goods producing and the service sector. Only Arts, Humanities, Secretarial/Clerical and Management & Administration graduates clustrered exclusively in the service sector. For further information on industry by field of study, and a listing of the five most frequently entered training-related industries, see Appendix F, Tables 12 and 13.

Figure 2.10.2
Concentration in Most Frequently Entered Industrial Categories
by Field of Study



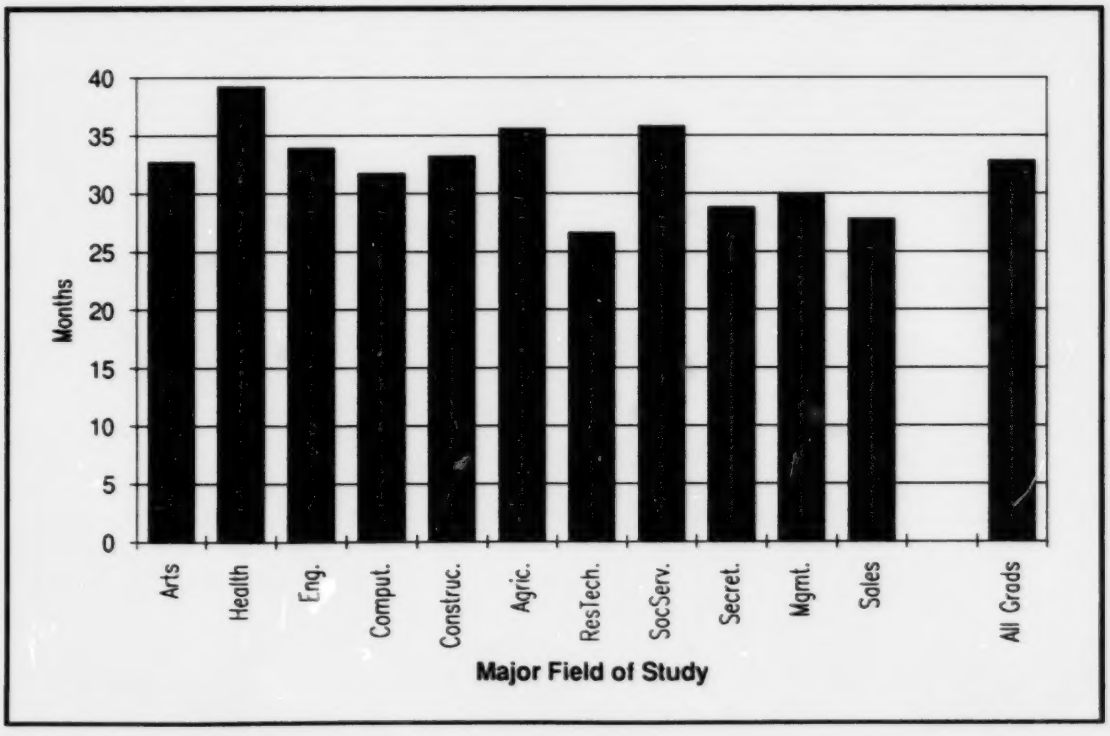
2.11 Months Working at Job

Graduates' transitions into the labour force were characterized by a good deal of stability, at least as measured by the length of time they had held their February, 1991 jobs; they had occupied these positions for an average of over two and one-half years (32.8 months). Since graduates had been in the work force for approximately five years, this means that roughly half of their time in the labour market had been spent in one job.

As displayed in Figure 2.11, Health Services graduates showed the greatest degree of job stability. These graduates had been working at their February, 1991 jobs for over three years (39.2 months). Even Resource Technology graduates, who had occupied their February, 1991 positions for the shortest length of time, had held their jobs for over two years (26.6 months). For further information on employment length by field of study, see Appendix F, Table 14.

Both female and male graduates had held their February, 1991 jobs for an average of over two and one half years (31.8 and 33.7 months respectively).

Figure 2.11
Average Number of Months at February, 1991 Job
by Field of Study



2.12 Employment Mobility

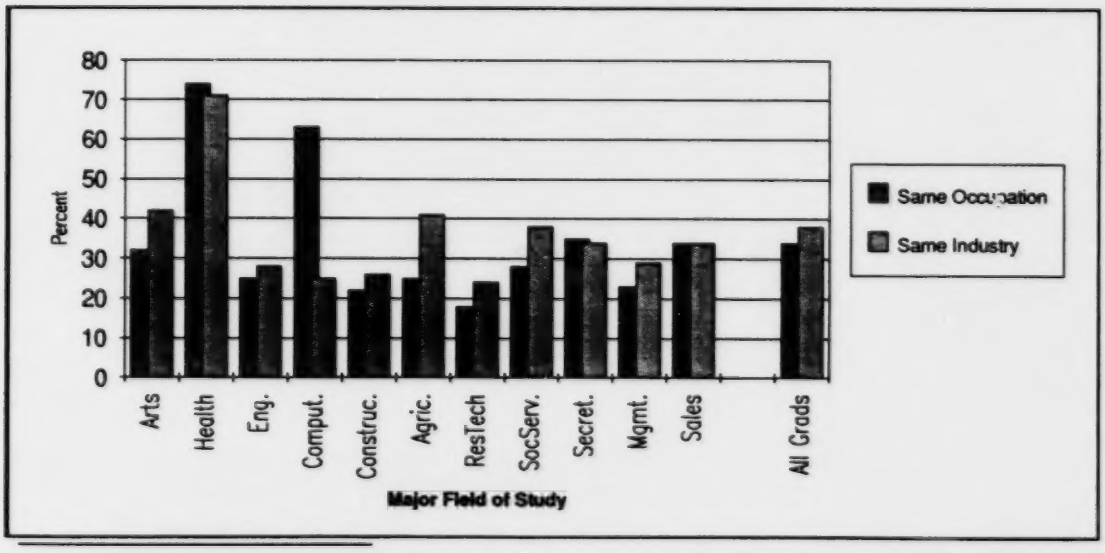
Although graduates had held their February, 1991 jobs for over two and one half years, roughly two-thirds had changed occupations and industries in the three year period since January, 1987. These results indicate that the first two and one-half years of graduates transitions were less stable than the second two and one-half years.

Figure 2.12 shows that Health Services and Computing Science graduates were the most likely to still be working in the occupations that they held in January, 1987 (74 percent and 66 percent respectively).[11] In contrast, only 18 percent of Resource Technology graduates still occupied their January, 1987 occupations. While the other fields fell between these two extremes, they were characterized more by change than by stability; with the percentages of graduates who still occupied the same occupations ranging from 22 percent to 35 percent.

Graduates from most fields of study were more likely to have changed occupations than industries. However, 63 percent of Computing Science graduates had the same occupation, while only 25 percent were working in the same industry. Health Services graduates were the most likely to be in the same industry (71 percent), while Resource Technology graduates were least likely to be in the same industry (24 percent). For further information on employment mobility by field of study, see Appendix F, Table 15.

Although the majority of both female and male graduates had changed occupations and industries between 1987 and 1991, significantly fewer women than men had done so. Fifty-nine and 57 percent of women had changed occupations and industries respectively, while 73 and 70 percent of men had done the same.

Figure 2.12
Employment Mobility Between 1987 and 1991 by Field of Study



[11] This does not imply that graduates were working in exactly the same job, only that graduates were engaged in the same type of work in 1987 and 1991 (that is, they had the same four-digit SOC codes).

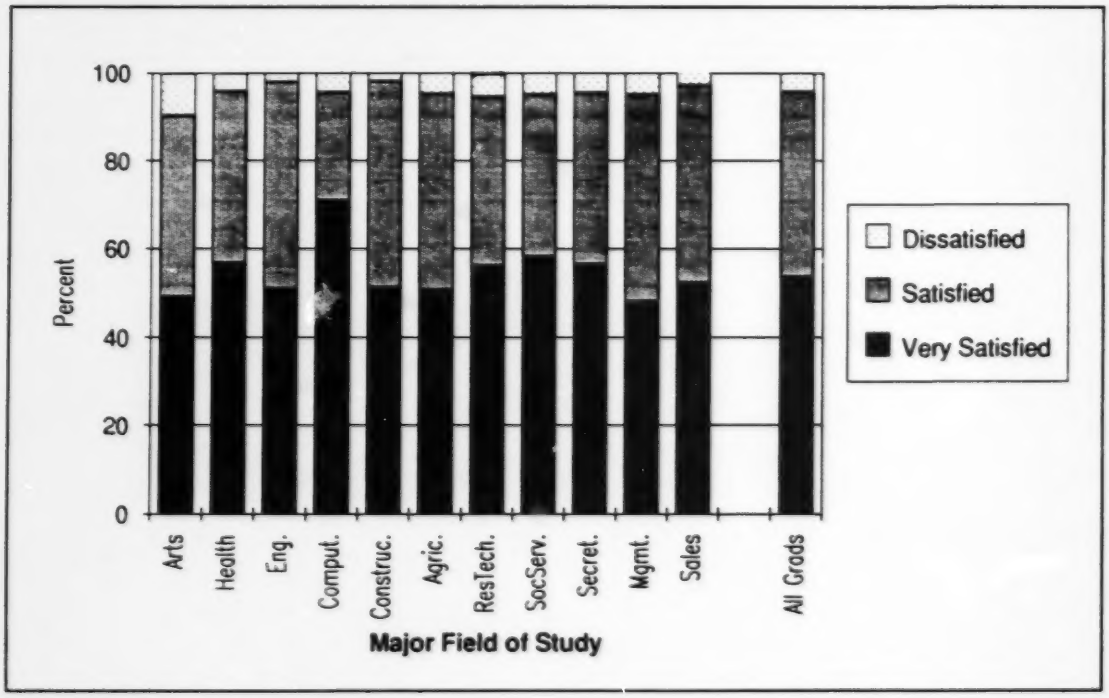
2.13 Job Satisfaction

Job satisfaction was very high among graduates; over 94 percent of them were satisfied or very satisfied with their February, 1991 jobs.[12] This was true regardless of whether graduates were employed in training-related work.

Figure 2.13 shows that job satisfaction was also high and constant across fields of study. Of graduates in training-related occupations, over 90 percent of them, from all fields of study, were satisfied or very satisfied with their jobs. However, when graduates who were **very** satisfied with their jobs were examined, a different picture emerged. While at least half of graduates were very satisfied with their jobs, there was a considerable range across fields of study. Percentages ranged from a low of 48 percent (Management & Administration) to a high of 71 percent (Computing Science). For further information on job satisfaction by field of study, see Appendix, Table 16.

Both males and females exhibited a very high degree of job satisfaction; over 94 percent of men and women in training-related jobs were satisfied or very satisfied with their February, 1991 occupations.

Figure 2.13
Job Satisfaction by Field of Study



12 Information on job satisfaction was not elicited in the 1987 survey.

2.14 Unemployment

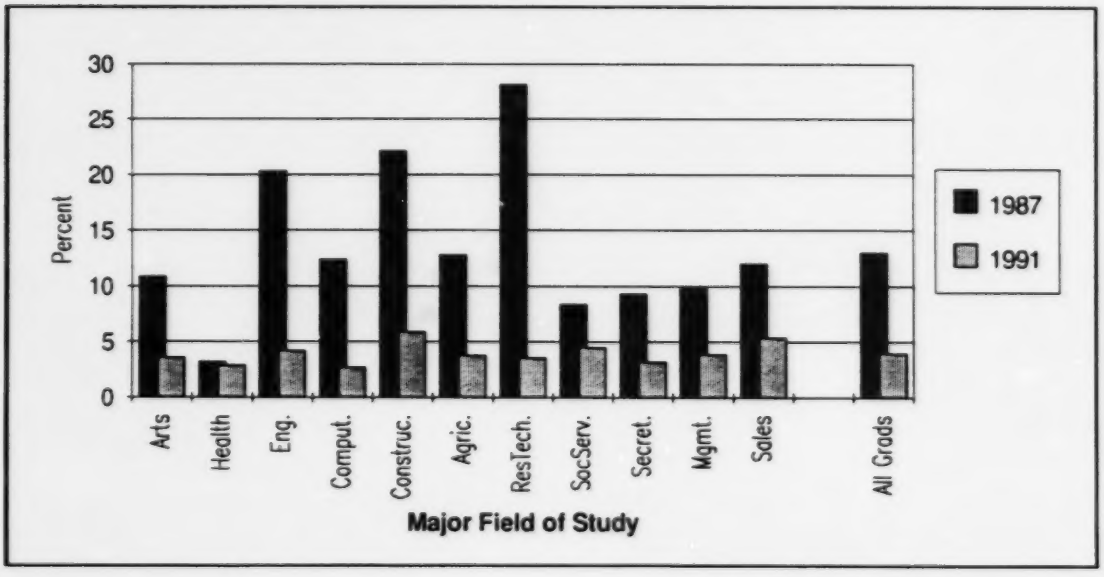
The unemployment rate for all graduates dropped from 13 percent in January, 1987 to 4 percent in February, 1991. This February, 1991 unemployment rate was considerably lower than the 9.6 percent unemployment rate for Albertans of a similar age group (25-34).[13]

Although unemployment rates from the seven major fields of study were all extremely low, some fields of study exhibited more unemployment than others (Figure 2.14). Computing Science and Health Service graduates experienced the least unemployment, with rates of 2.7 percent and 2.9 percent respectively. In contrast, Construction/Fabrication/Repair graduates had the highest unemployment rate (5.9 percent), followed by graduates from Sales & Service (5.4 percent).

Unemployment rates dropped, sometimes dramatically, in all fields of study in the period between 1987 and 1991. Resource Technology graduates showed the most remarkable change; their unemployment rates plummeted 25 percentage points -- from 28.1 to 3.6 percent. Graduates from Construction/Fabrication/Repair and Engineering & Applied Science also experienced large drops in unemployment. Health Services graduates, on the other hand, showed only a 0.3 percentage point drop in unemployment; however, their 1987 unemployment rate of 3.2 percent was already extremely low. For further information on unemployment rates by field of study, see Appendix F, Table 2.

Unemployment rates were equally low for females and males (3.9 and 4.2 percent respectively).

Figure 2.14
Unemployment Rates by Field of Study



13 Statistics Canada 71-001, *The Labour Force*, February, 1991.

2.14.1 Reasons for Unemployment

As indicated in Table 2.14.1 below, the main reason for being unemployed, cited by over a third of graduates, was that jobs were not available. In addition, sixteen percent of graduates were unemployed because training-related jobs were not available, and only 5 percent of graduates were unemployed because they did not have enough experience.

These results differed noticeably from those in the 1987 survey. At that time, the most frequently cited reason for being unemployed was that training-related employment was unavailable (24 percent). The next most common reason was that jobs were not available (19 percent), and the third most common reason was that graduates did not have enough experience (18 percent).

Table 2.14.1
Reasons for Unemployment - 1991

Reason	Percent
Jobs not available	35.6
Jobs related to training are not available	15.9
Available jobs do not pay well enough	8.3
Not enough experience	4.5
Training is inadequate for available jobs	3.8
Other	31.8
Total Percentage	**100.0**
Number of Respondents	**132**

2.15 Graduates Not in the Labour Force

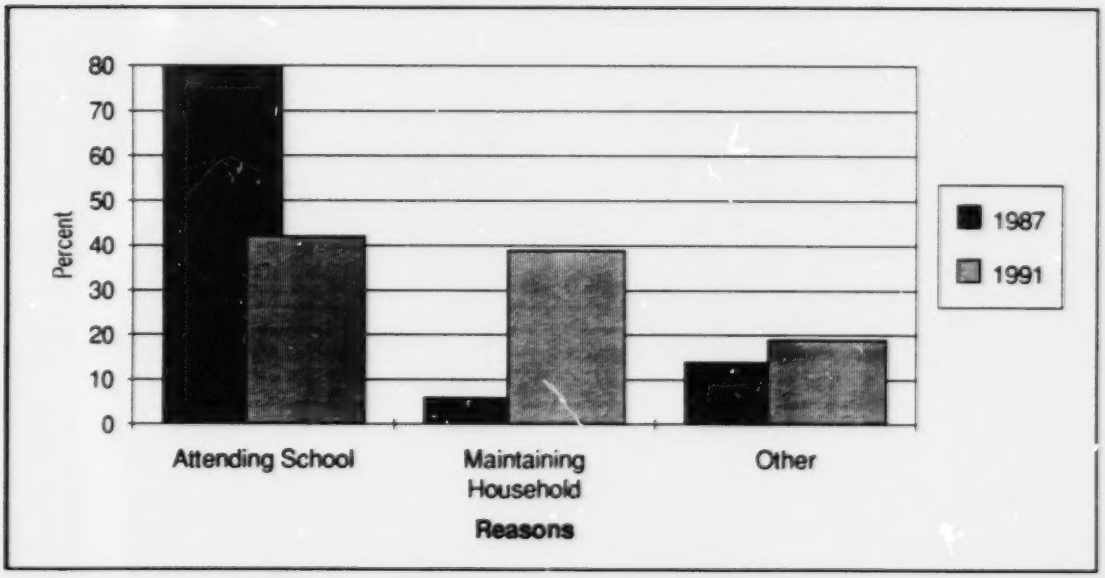
Only 8 percent of graduates were out of the labour force in February, 1991 compared to 10 percent in 1987. Of those not in the labour force, 42 percent were attending school, 39 percent were maintaining a household, and the remaining 19 percent had varied reasons for not being in the labour force. In contrast, in 1987, the vast majority of graduates not in the labour force were attending school (80 percent), and only 6 percent of graduates had chosen to maintain a household (Figure 2.15)

Between 1987 and 1991, the proportion of graduates not in the labour force dropped (that is, labour force participation increased) in all fields of study except Sales & Service and Health Services. Both these fields showed slight increases in the percentage of graduates who were out of the labour force. Even so, Health Services graduates were some of the least likely to be out of the labour force in both 1987 and 1991. Conversely, Social Services graduates were some of the most likely to be out of the labour force in both survey years.

Computing Science graduates showed the greatest drop in the percentage of graduates not participating in the labour force. In 1987, 6.9 percent of the these graduates were out of the labour force; by 1991, that percentage had dropped to 0 percent -- that is, all Computing Science graduates had become labour force participants. For further information on labour force participation by field of study, see Appendix F, Table 1.

In both 1987 and 1991, females were significantly more likely than males to be out of the labour force (11 and 5 percent respectively).

Figure 2.15
Reasons for Being out of the Labour Force



2.16 Further Certification Received Since Graduation in 1985/86

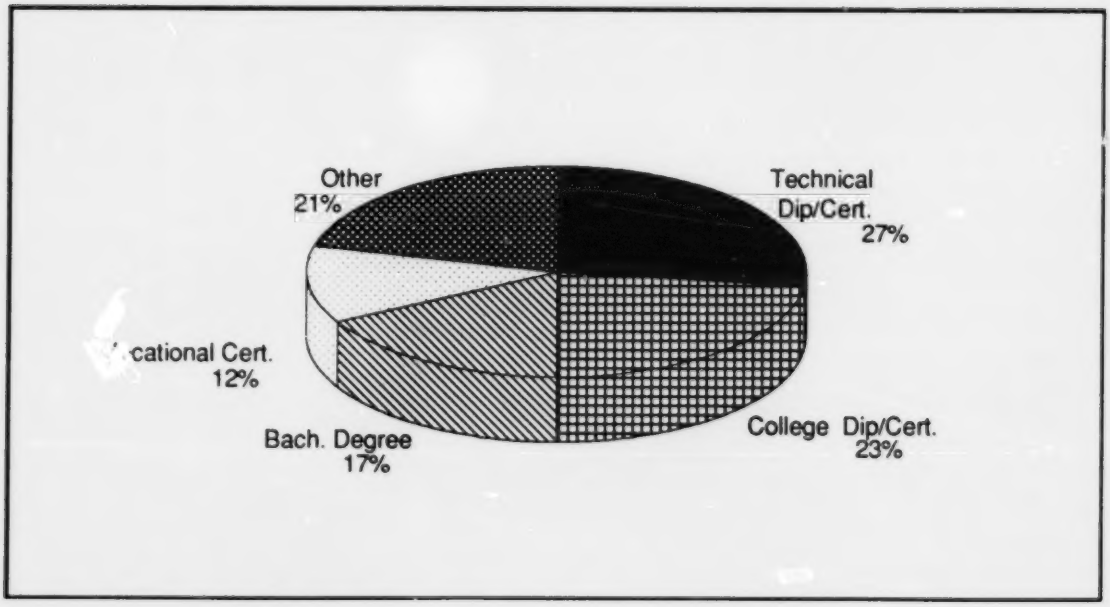
Since graduating from their programs in 1985/86, 20 percent of graduates had garnered another diploma, certificate or degree.[14] Table 2.16 and Figure 2.16 show that, of this 20 percent, 50 percent had obtained another college or technical institute diploma or certificate, 17 percent had received a bachelor's degree, and 12 percent had received a vocational certificate. However, not all graduates who had received further certification below the university level (i.e. the vocational, college or technical institute level), moved on to a new major field of study. In fact, roughly half of these graduates received their new certification in the same major field of study that their 1985/86 certification was in.

Table 2.16
Further Certification Received Since Graduating in 1985/86

Certification Received	Percent
Vocational Certificate	12.0
College Diploma or Certificate*	23.0
Technical Institute Diploma or Certificate	27.2
Bachelor's Degree	17.1
Master's Degree	0.0
Earned Doctorate	0.0
Other	20.6
Total Percentage	**100.0**
Number of Respondents	**765**

* Includes Hospital Based Nursing Programs

Figure 2.16
Further Certification Since Graduation in 1985/86



[14] The question asked was "Since completing your program in 1985/86, have you completed the requirements for any diplomas, certificates or degrees?"

2.16.1 Further Certification by Field of Study and Gender

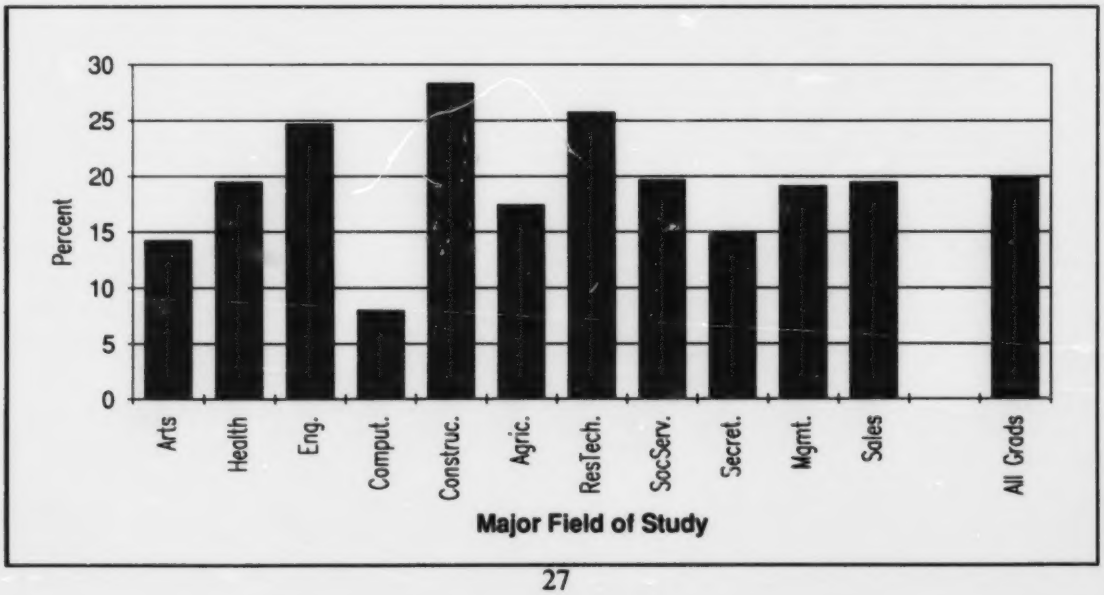
Perhaps because of their poor labour market showing in 1987, Construction/Fabrication/ Repair, Resource Technology and Engineering & Applied Science graduates were the most likely to have obtained further certification (28 percent, 26 percent and 25 percent respectively). Roughly three-quarters of Engineering & Applied Science and Construction/ Fabrication/Repair graduates who obtained further certification had garnered a vocational, college or technical institute diploma or certificate. Moreover, many of them had chosen to stay within their 1985/86 major fields of study. Nearly half of Engineering & Applied Science graduates took another program in the Engineering & Applied Science area, and over two-thirds of Construction/Fabrication/Repair graduates stayed in the Construction/ Fabrication/Repair major field of study.

Even though the majority of Resource Technology graduates also received their new certification below the university level, nearly 70 percent of them had moved into new major fields of study. In addition, over one-third of Resource Technology graduates who obtained further certification had received bachelor's degrees, most of them in engineering.

Figure 2.16.1 shows that at the other end of the spectrum, only 8 percent of Computing Science graduates received further certification, perhaps because their labour market experiences since graduating had been very favourable. For further information on further certification by field of study, see Appendix F, Table 17.

Female graduates were somewhat less likely than male graduates to have received further certification (17 percent and 23 percent respectively). Moreover, the most frequent new certification for women was a college diploma or certificate (30 percent), while for men, the most frequent certification was a technical institute diploma or certificate (32 percent). Roughly 15 percent of both women and men had received a bachelor's degree.

Figure 2.16.1
Graduates Who Received Further Certification by Field of Study



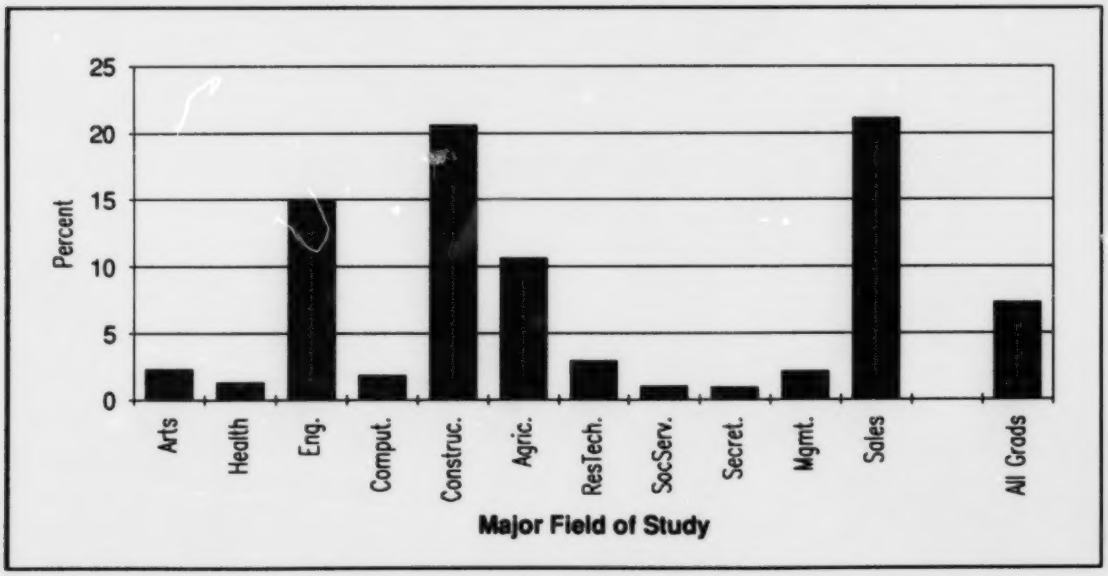
2.17 Graduates Who had Completed Apprenticeship Programs or were Certified Journeymen

Only 8 percent of graduates had ever completed an apprenticeship program. Of this 8 percent, nearly half had completed their apprenticeship programs since graduating in 1985/86. In addition, graduates who completed apprenticeship programs since graduation were primarily from a few fields of study. Of those who had completed apprenticeship programs, 43 percent were Construction/Fabrication/Repair graduates, 27 percent were Engineering & Applied Science graduates and 23 percent were Sales & Service graduates.

Seven percent of graduates were certified journeymen. However, certain fields of study had a much higher incidence of graduates who had attained this status (Figure 2.17). The fields of study with the highest proportions of certified journeymen were: Construction/ Fabrication/Repair, Sales & Service, Engineering & Applied Science, and Agriculture & Related. Twenty-one percent of Construction/Fabrication/Repair graduates were certified journeymen, 28 percent of them heavy duty mechanics. Twenty-one percent of Sales & Service graduates were certified journeymen, and nearly three-quarters of them were cooks. Fifteen percent of Engineering & Applied Science graduates were certified journeymen, and nearly one-third of them were electricians. Finally, 11 percent of Agriculture & Related graduates were certified journeymen, holding this status in a variety of trades. For further information on journeyman status by field of study, see Appendix F, Table 18.

Men were much more likely than women to be certified journeymen (13 percent and 2 percent respectively). In addition, while most female journeymen were cooks or beauticians, men held journeyman status in a broad range of trades.

Figure 2.17
Graduates Who Were Certified Journeymen
by Field of Study



2.18 Current Enrollments

In both 1987 and 1991, roughly 18 percent of graduates were enrolled at a post-secondary institution at the time of the survey.[15] However, the distribution of part-time and full-time enrollment had shifted. In 1991, 63 percent of these graduates were enrolled part time, while in 1987, only 42 percent of the graduates were enrolled as part-time students.

In both 1987 and 1991, full-time enrollment varied according to labour force status. In 1991, of graduates who were not in the labour force, 45 percent of them were enrolled at the time of the survey, 90 percent of them full-time. Of those who were unemployed and looking for work, 20 percent were enrolled at the time of the survey, 67 percent of them full-time. In contrast, of graduates who were employed, 15 percent were enrolled at the time of the survey, and less than 25 percent of them were enrolled full-time.

Table 2.18 shows that of the 18 percent of graduates who were enrolled at the time of the survey, over 40 percent were enrolled in programs leading to bachelor's degrees.

Table 2.18
Current Enrollment in Programs

Certification Received	Percent
Vocational Certificate	3.9
College Diploma or Certificate*	13.3
Technical Institute Diploma or Certificate	16.0
Bachelor's Degree	42.6
Master's Degree	2.5
Doctorate	0.3
Other	21.4
Total Percentage	**100.0**
Number of Respondents	**639**

* Includes Hospital Based Nursing Programs

15 The question asked was "Are you currently enrolled at any college, technical institute or university in a program leading to a diploma, certificate or degree?"

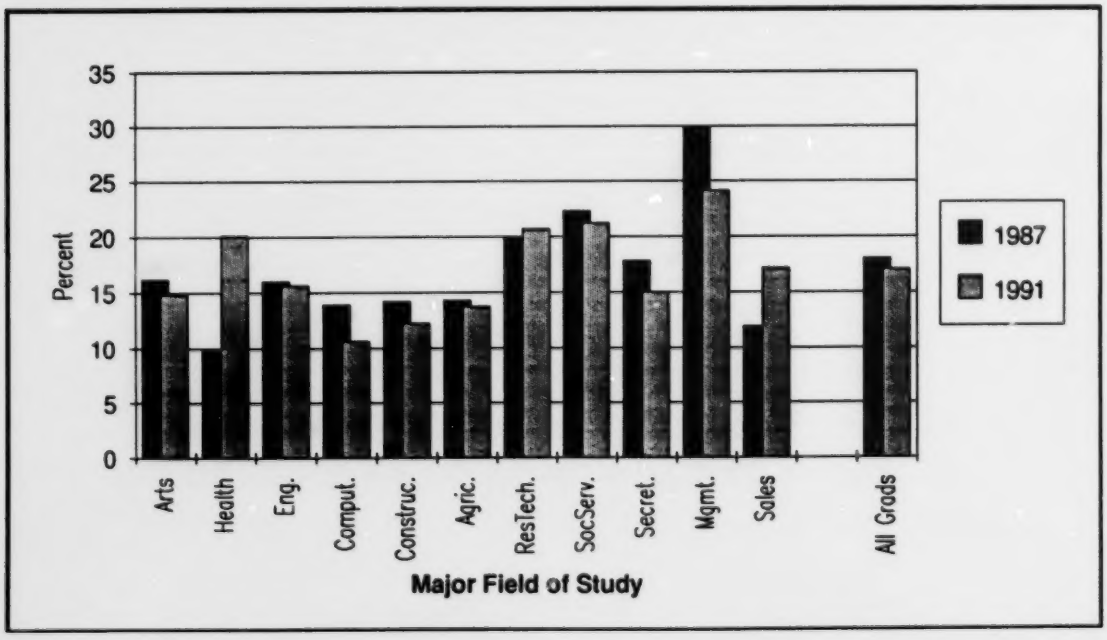
2.18.1 Current Enrollments by Field of Study and Gender

As shown in Figure 2.18.1, in both 1987 and 1991, roughly one quarter of Management & Administration graduates had re-enrolled, giving them the highest enrollment rate in both years. In contrast, Computing Science graduates were among the least likely to be enrolled at a post-secondary institution in both survey years (14 percent and 11 percent respectively).

In general, enrollment rates decreased between 1987 and 1991. Two notable exceptions occurred in the fields of Health Services and Sales & Services. Health Services graduates' enrollment rates increased from 10 percent in 1987 to 20 percent in 1991, while Sales & Services graduates' enrollment rates rose from 12 percent to 17 percent in the same period. Fifty-seven percent of enrolled Health Services graduates were pursuing bachelor's degrees, over half of them in nursing. Conversely, nearly 80 percent of enrolled Sales and Service graduates were taking programs below the university level.[16] For further information on enrollment by field of study, see Appendix F, Table 19.

While enrollment rates varied by field of study, they did not vary by gender. Both females and males had almost identical enrollment rates of 18 and 17 percent respectively. However, women were more likely than men to be enrolled as part-time students (68 percent and 58 percent respectively).

Figure 2.18.1
Enrollment at Post-Secondary Institutions by Field of Study



16 Of these programs below the university level, half fell into an "other" category, which means respondents didn't identify the programs as leading to a vocational, college, hospital based nursing, or technical institute diploma or certificate.

2.19 Assessment of 1985/86 Program

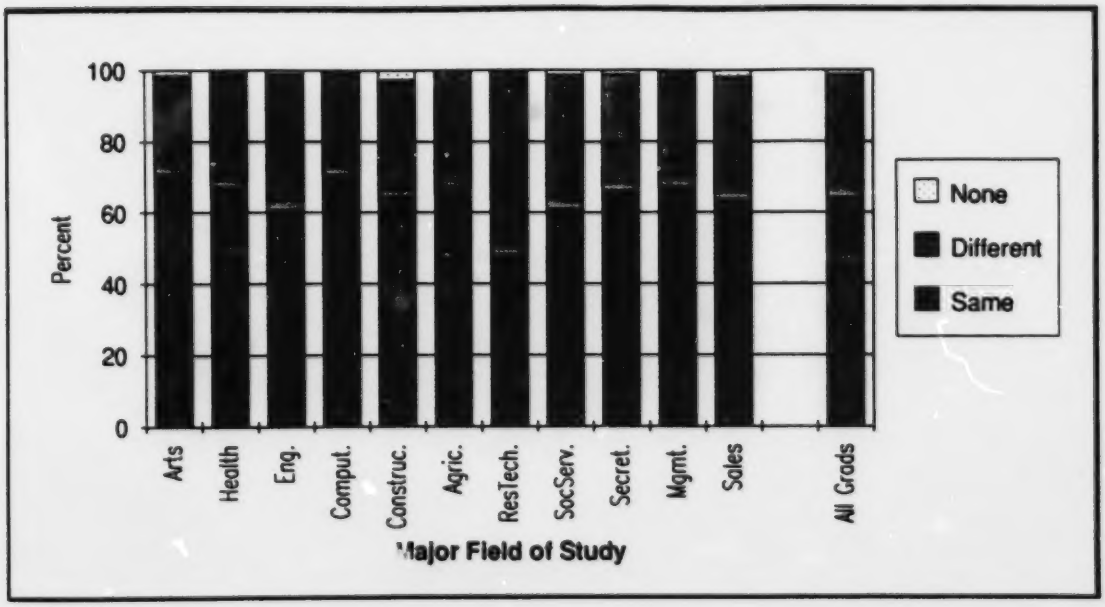
As indicated in Figure 2.19, nearly two-thirds of graduates, if given another chance, would have taken the same program of studies they did in 1985/86. However, roughly one third of graduates indicated that they would have taken a different program. A very small percentage of graduates (1 percent) stated that they would not have taken a program at all.

Not surprisingly, these opinions varied by labour force status. While two-thirds of employed graduates indicated they would have taken the same program, only half of graduates who were either unemployed (48 percent) or out of the labour force (54 percent) reported the same.

Figure 2.19 shows that, of all graduates, those from Arts, Humanities and Computing Science were the most satisfied with their 1985/86 programs of study; in retrospect, 71 percent of them would have taken the same program. By 1991 Arts, Humanities graduates fared quite poorly in the labour market. Therefore, it appears that program satisfaction is determined by many factors, of which labour market success is only one. Resource Technology graduates, on the other hand, were by far the least satisfied with their programs as measured by whether they would take them again. Fifty-two percent indicated they would have taken a different program. For further information on program assessment by field of study, see Appendix F, Table 20.

Nearly two-thirds of both female and male graduates would have taken the same program, if they were given another chance.

Figure 2.19
Program Selected if Given a Choice Five Years After Graduation
by Field of Study



2.19.1 Preferred Program of Studies for Graduates Who Would Have Chosen Different Program of Study

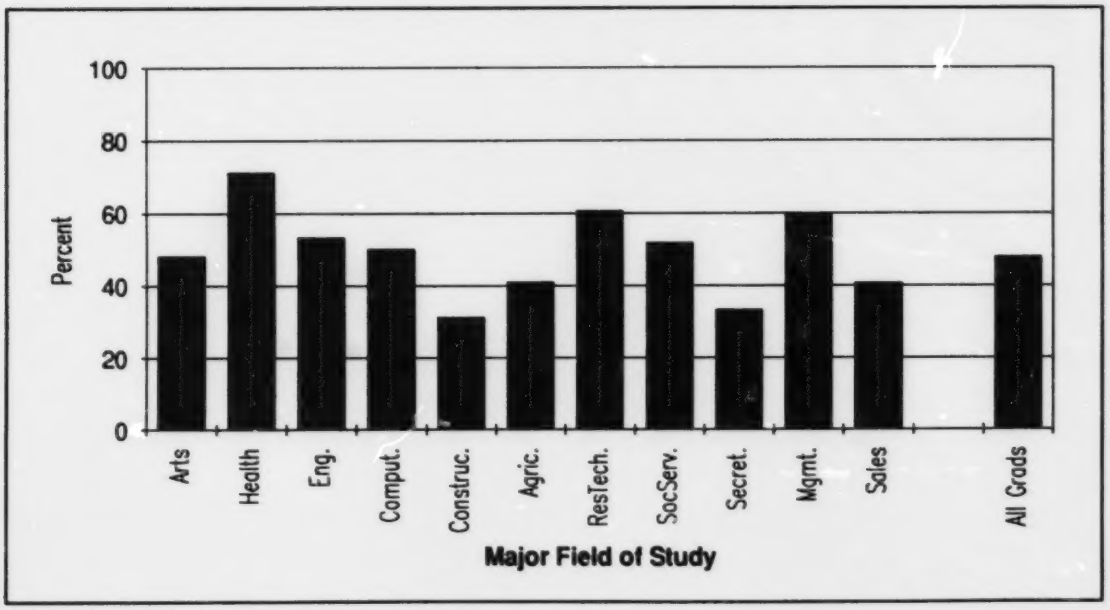
Of the 35 percent of graduates who would have taken a different program, an overwhelming 50 percent stated they would have taken a university program instead. Roughly 40 percent indicated they would have taken a different college or technical program, and 9 percent would have taken another kind of program altogether.

As shown in Figure 2.19.1, the majority of graduates, from most fields of study, indicated they would have chosen a university program instead. Graduates from Health Services, Management & Administration and Resource Technology were especially likely to cite this choice (71 percent, 60 percent, and 61 percent respectively). Conversely, only one-third of Construction/Fabrication/Repair and Secretarial/Clerical graduates would have selected a university a program.

The remainder of graduates from most fields of study would have chosen different college or technical programs; however, a sizeable minority of Agriculture & Related and Secretarial/ Clerical graduates would have chosen a program in another educational setting. For further information on preferred programs by field of study, see Appendix F, Table 21.

Of graduates who would have taken a different program, half of them, regardless of gender, would have taken a university program.

Figure 2.19.1
Graduates Who Would Have Taken a University Program
by Field of Study



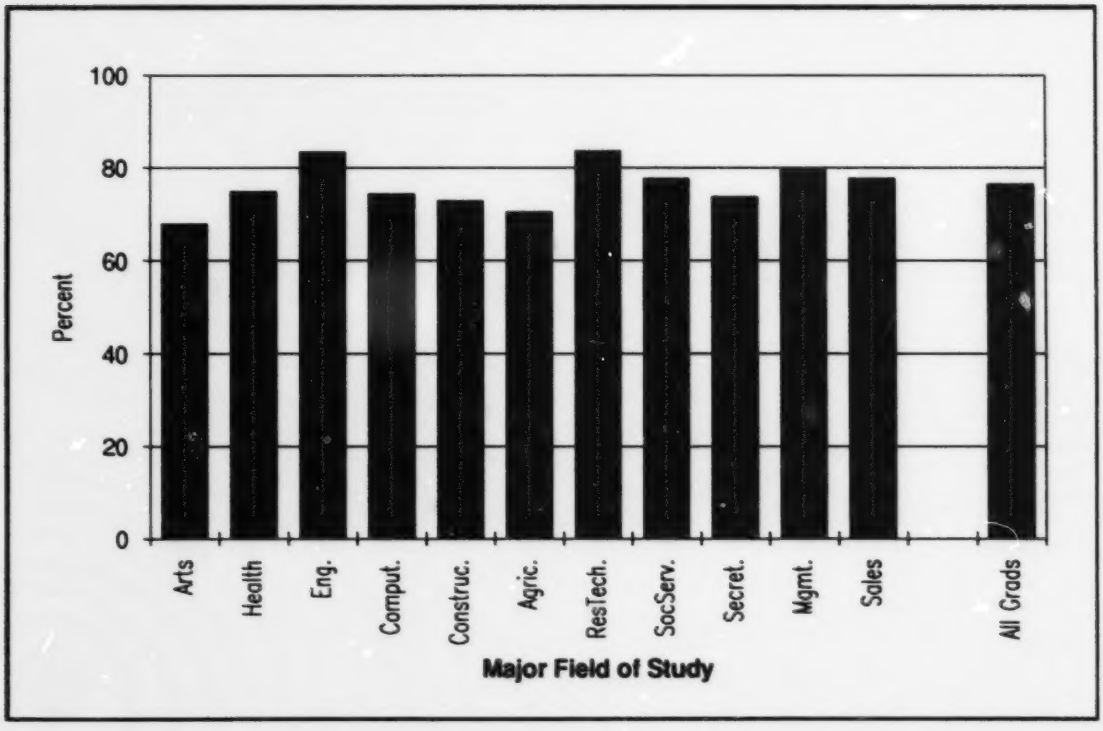
2.20 Informal Training

The 1991 survey elicited information about on-the-job training, which includes both formal and informal training. Informal training was defined as training provided under normal work conditions provided by an experienced worker or supervisor. Not surprisingly, the majority of graduates had received some informal training in the jobs they held at the time of the survey (76 percent).

However, Figure 2.20 shows that graduates from some fields of study had received more informal training than graduates from other fields of study. Seventy percent of Arts, Humanities graduates had received informal training, while 84 percent of Resource Technology graduates had received the same. For further information on informal training by field of study, see Appendix F, Table 22.

Men were somewhat more likely than women to have received informal training (79 and 74 percent respectively).

Figure 2.20
Graduates Who Received Informal Training
by Field of Study



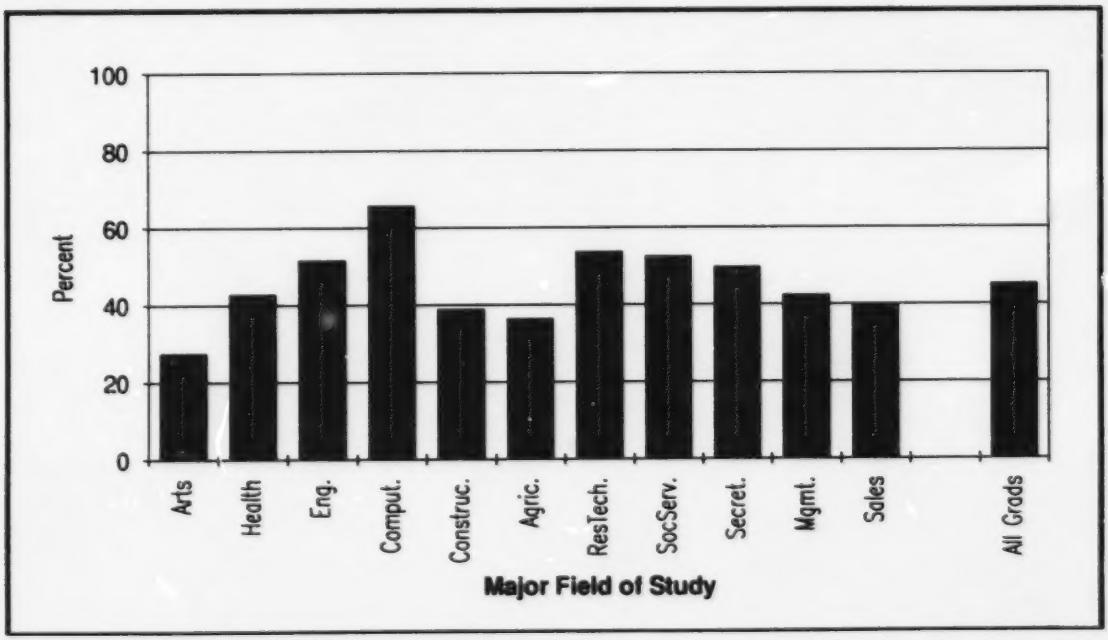
2.21 Formal Training

Formal training was defined as training provided by an instructor, computer or manual that has an identifiable structured plan designed to develop a worker's skills. Only 45 percent of graduates reported that they had received this type of training in the jobs they held at the time of the survey. Moreover, of graduates who had received both informal and formal training, the majority had received more informal than formal training.

Graduates from some fields of study were far more likely to have received formal training than graduates from other fields of study. For example, two-thirds of Computing Science graduates had received some type of formal training in their February, 1991 jobs. Resource Technology graduates at 54 percent, had also received more formal training than the average graduate. Conversely, roughly two thirds of Construction/Fabrication/Repair and Agriculture & Related graduates and only 28 percent of Arts, Humanities graduates had received any formal training in the jobs they held in February, 1991. (Figure 2.21). For further information on formal training by field of study, see Appendix F, Table 23.

While the incidence of formal training varied dramatically across fields of study, this was not the case across gender. Men were only slightly more likely than women to have received formal training (47 percent and 43 percent respectively).

Figure 2.21
Graduates Who Received Formal Training
by Field of Study



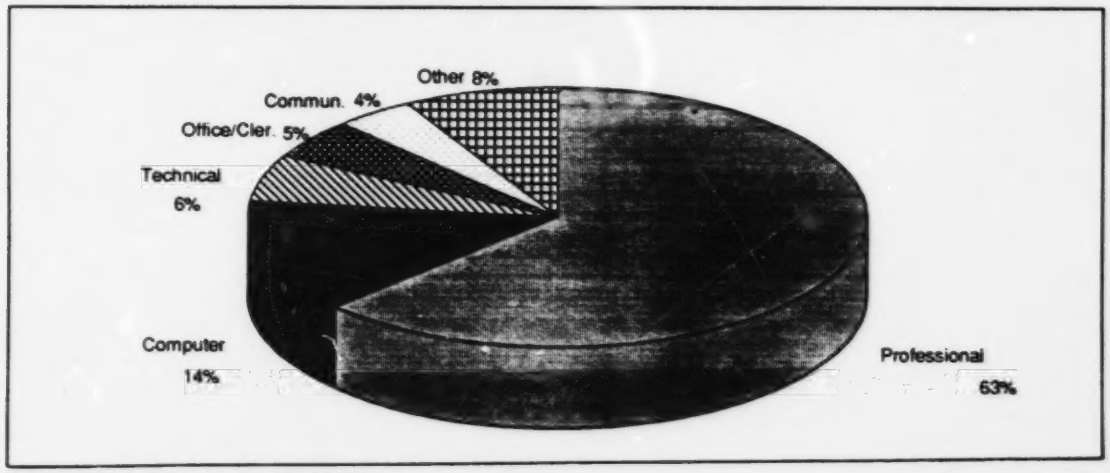
2.21.1 Type of Formal Training Received

The formal training that graduates received was grouped into 12 categories. These categories were established by Employment and Immigration Canada in their 1987 *Human Resource Training and Development Survey*, and covered diverse types of training ranging from computer training to training in communications and interpersonal skills.[16] The results showed that graduates were not evenly dispersed across these categories. In fact over three-quarters of them received formal training in just two of the twelve categories - Professional and Computer Related Skills.

Figure 2.21.1 below shows the five most frequently received types of training. Professional training was by far the most frequently received type of training (63 percent). This type of training functioned to "upgrade a worker's theoretical or practical knowledge of a specific field or discipline such as art, science, engineering, education, medicine, law, business relations, administration and managerial or technical work".[17] Computer Related Skills training accounted for 14 percent of graduates. This type of training included "computer usage/literacy for non-computer professionals".[18] For further information on the types of formal training received, see Appendix F, Table 24.

Professional and Computer Related training were also the most frequently received types of training for graduates from most fields of study. Computing Science graduates were a notable exception in that the type of training they most frequently received was technical training (47 percent). This type of training "qualified or upgraded skills of workers in direct support of engineers or scientists".[19] For further information on the types of formal training for each field of study, see Appendix F, Table 25.

Figure 2.21.1
Types of Formal Training Received



16 For a complete description of categories and their definitions, see Appendix G.
17 Employment and Immigration Canada, *Human Resource Training and Development Survey*, 1987.
18 Employment and Immigration Canada, *Human Resource Training and Development Survey*, 1987.
19 Employment and Immigration Canada, *Human Resource Training and Development Survey*, 1987.

2.22 Summary of Graduates' Labour Market Experiences

Despite an economic downturn in 1986, graduates were quite successful at accessing the labour market in the early stages of their transitions. For example, in 1987, many graduates had already secured permanent, full-time jobs related to their programs of study. However, at this time, graduates experienced a higher than average levelof unemployment, with an unemployment rate over two percent higher than the unemployment rate of Albertans of a similar age group.

By 1991, graduates' labour market experiences showed further improvement. This was due to graduates gaining valuable work experience and the economy improving considerably. On every indicator examined in this report, graduates fared equally well or better in 1991 than they did in 1987. Particularly striking was the significant reduction in unemployment; the unemployment rate of these graduates plummeted from 13 percent in 1987 to 4 percent in 1991. Moreover, graduates exhibited a high level of job satisfaction.

2.22.1 Most and Least Successful Fields of Study - 1987

While the early experiences of graduates as a group were generally favourable, these experiences were not uniform across the fields of study that comprised this group. At the time graduates entered the labour market in 1986, there had been a drop in world energy prices, devastating the oil and gas industry and causing setbacks in the construction and manufacturing industries. Graduates who sought work in these industries were adversely affected. However, the economic downturn affected other industries less seriously and spared others completely. For example, graduates seeking employment in industries such as education, health & social services, and business services had more labour market success.

Health Services graduates were, by far, the most successful in the labour market in 1987. They had the highest participation and employment rates (over 95 percent), the highest incidence of study-related employment (96 percent), and the highest earnings. Moreover, on most of these parameters, their results were better than the next highest result by a considerable margin.

Resource Technology graduates, many of whom sought employment in the oil patch, fared poorly in the labour market. Their participation rates were low, and those who did participate had an extremely high unemployment rate of 35 percent. Moreover, even employed graduates had the lowest incidence of full-time, study-related employment (64 percent) and the lowest incidence of permanent employment (63 percent).

The downturn in the economy also adversely affected the industries in which Construction/Fabrication/Repair and Engineering & Applied Science graduates sought employment. Accordingly, these graduates also had some difficulty integrating into the labour market. They had unemployment rates in excess of 19 percent, and the second and fifth lowest incidence of full-time, study-related employment (69 and 78 percent respectively).

2.22.2 Most and Least Successful Fields of Study - 1991

The economic climate for graduates had improved considerably by 1991. Though the oil and gas industry was still recovering from the downturn in 1986, it had diversified and new major resource projects were generating employment. Most industries experienced growth, and some of the greatest employment growth came in the manufacturing and construction industries. In addition, by this point, graduates had over four and one half years of experience. These three factors -- the improved economy, employment growth and increased job experience -- allowed graduates to have far more favourable experiences in 1991 than in 1987.

Health Services graduates still fared extremely well in the labour market in 1991. In fact, with the exception of an earnings increase, their results on all labour market indicators remained relatively constant. In addition, they showed the most employment stability. They had held their February, 1991 jobs for the greatest length of time, and were the least likely to have changed occupations or industries between 1987 and 1991. However, they were no longer the most successful in the labour market, since the experiences of graduates from two other fields of study had improved considerably.

By 1991, Computing Science graduates showed the most success in the labour market. All graduates from this field participated in the labour force, and over 97 percent of them were employed. Moreover, graduates from this field had the highest incidence of full-time, study-related employment (84 percent), and by far the highest earnings. In addition, the majority of them were very satisfied with their jobs.

In marked contrast to 1987, Engineering & Applied Science graduates were highly successful in the labour market in 1991. This improvement was primarily due to strong growth in the industries where many of them sought work: Business Services, Manufacturing, and Construction. By 1991, these graduates had the highest incidence of permanent employment (96 percent), the second highest incidence of full-time, study-related employment (82 percent) and the second highest earnings.

Though Arts, Humanities graduates had met with some labour market success in 1987, by 1991 they were the least successful of all graduates. Only 49 percent of these graduates were very satisfied with their jobs, which may be explained by the fact that they had the lowest incidence of full-time, study-related work (66 percent) and the second lowest earnings. However, even though they were unsuccessful relative to other fields of study, they still had a high participation rate (89.7 percent), and an extremely low unemployment rate of 3.6 percent.

As in 1987, Resource Technology graduates were also less successful than graduates from other fields of study. They had poor employment stability and the second lowest incidence of full-time, study related employment (68 percent). However, in spite of the continued stagnation in the oil and gas industry, these graduates showed remarkable improvement on certain labour market indicators. For example, their unemployment rate dropped 25 percentage points to 3.6 percent, and their incidence of permanent employment climbed 30 percentage points to 93.6 percent.

3.0 Information by Program of Study

This section provides program level information on the labour market and educational experiences of the 1985/86 college and technical institute graduates. This information is presented in standard format tables that allow the reader to determine, at a glance, the labour market outcomes of graduates from particular programs.

3.1 Classification of Programs from Colleges and Technical Institutes

The programs presented in this section are from the Community College Student Information System (CCSIS). This system, designed by Statistics Canada, assigns programs of similar content to a particular CCSIS category, so that programs from colleges and technical institutes throughout the country can be compared. In this survey, every program from the colleges and technical institutes was assigned a CCSIS code and corresponding title. For example, the programs of Photographic Technology from N.A.I.T. and Photography from the Alberta College of Art were both assigned to the CCSIS category **23100 - Photography.**

However, a small number of CCSIS categories had to be combined into larger categories to ensure reliable results. In these instances, CCSIS programs of similar content were grouped into eight broader categories.[20]

3.2 Presentation of Results

The standard format tables are presented in numerical order, beginning with the eight broad categories described above, and ending with CCSIS category 84112 - Cooking.

3.3 Standard Format Table Definitions and Example

Each standard format table is divided into two sections. The first section compares the employment situations of graduates in 1987 and 1991, provides statistics on their work history, and cites the proportion of graduates who received further certification since graduating in 1985/86. The second section lists the occupations and industries in which graduates found related employment in both 1987 and 1991, and shows the additional diplomas, certificates and degrees that graduates have received.

Definitions of the terms used in the table are presented on pages 39 through 41. An example of the standard format table is presented on page 42. This example standard format table also provides an overview of the entire 1985/86 graduating class of colleges and technical institutes in Alberta.

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[20] For a listing of these categories and their component CCSIS programs, see Appendix A.

3.3.1 Definitions of Terms

The terms used in the standard format tables are defined as follows:

1. **Program:** a title corresponding to a CCSIS code or several CCSIS codes (see section 3.1). A complete list of all the institutional programs and their respective CCSIS codes is provided in Appendix D.

2. **CCSIS Code:** a code that identifies the program classification within the CCSIS coding system (see section 3.1)

3. **Degree of Reliability:** a rating indicating the level of precision of the program results, calculated using the number of respondents as a percentage of the total number of graduates from the program. Ratings of **Very High**, **High**, **Medium** or **Caution** are used. See Appendix C for a further discussion of the reliability ratings.

4. **Total Graduates:** the total number of graduates who had successfully completed their course of studies during the 1985/86 academic year as reported by the institutions.

5. **Male/Female:** the gender breakdown of the total number of graduates.

6. **Number of Respondents 1987:** the number of 1985/86 graduates who responded to the survey in 1987.

7. **Number of Respondents 1991:** the number of 1985/86 graduates who responded to the survey in 1991.

8. **Related Employment:** the percentage of respondents who considered their current occupation to be directly or somewhat related to their program they graduated from in 1985/86.

9. **Full-time Employment:** the percentage of employed respondents who worked 30 or more hours per week at their current jobs.

10. **Not in Labour Force:** the percentage of graduates who were not employed and not looking for work at the time of the survey.

11. **In Labour Force:** the portion of graduates who were either employed, or not employed and looking for work at the time of the survey.

12. **Employed (Employment Rate):** the number of employed graduates as a percentage of the labour force.

13. **Unemployed (Unemployment Rate):** the number of graduates who were not employed and looking for work as a percentage of the labour force.

14. **Current Earnings:** the average gross monthly earnings of all graduates employed full-time. The 1987 earnings are shown in 1991 constant dollars, which are crude measures derived from the consumer price index

15. **Further Certification Since Graduation in 1985/86:** the percentage of respondents who received another diploma, certificate or degree since graduating from their programs in 1985/86.

16. **Work History**
This section provides statistics on respondents' work history since graduation. Definitions in this section are as follows:

    a) **Average Number of Jobs Since Graduation:** the average number of jobs respondents held since graduation rounded to the nearest whole number.

    b) **Jobs Related to Certification Obtained in 1985/86:** the percentage of jobs held since graduation which respondents considered to be either directly or somewhat related to the programs from which they graduated in 1985/86.

    c) **Full-Time Jobs:** the percentage of jobs held since graduation at which respondents had worked at least 30 hours per week.

    d) **Permanent Jobs:** the percentage of jobs held since graduation which had no specified end date.

    e) **Average Number of Months in Labour Force:** the average number of months that respondents were either employed or not employed and looking for work since the last survey in 1987.

    f) **Average Number of Months Employed:** the average number of months that respondents were employed since the last survey in 1987.

    g) **Average Number of Months Unemployed:** the average number of months that respondents were not employed and looking for work since the last survey in 1987.

17. **Top Five Training Related Occupations**
This section shows the number of respondents who were working in occupations that were directly or somewhat related to the programs from which they graduated in 1985/86. Definitions in this section are as follows:

    a) **Title:** the occupational title as defined by Statistics Canada's Standard Occupational Classification. The abbreviation NEC stands for "not elsewhere classified".

    b) **SOC#:** a code assigned by Statistics Canada's Standard Occupational Classification. These codes and their corresponding occupational titles can be found in Statistics Canada: Standard Occupational Classification, 1980 (Ottawa, 1981).

    c) **No. Grads:** the number of respondents who were working in the occupations.

18. **Top Three Training Related Industries**

This section shows the number of respondents who were working in industries that were directly or somewhat related to the programs from which they graduated in 1985/86. Definitions in this section are as follows:

a) **Title**: the industry title as defined by Statistics Canada's Standard Industrial Classification. The abbreviation NEC stands for "not elsewhere classified".

b) **SIC#:** a code assigned by Statistics Canada's Standard Industrial Classification. These codes and their corresponding industry titles can be found in Statistics Canada: Standard Industrial Classification, 1980 (Ottawa, 1981).

c) **No. Grads**: the number of respondents who were working in the industries.

25. **Top Three Qualifications Obtained Since Graduation in 1985/86**

This section shows the diplomas, degrees and certificates that graduates obtained since graduating in 1985/86. Definitions in this section are as follows:

a) **Qualification**: the diploma, degree or certificate that the graduate received. The code of not available (N/A), in addition to showing an absence of certification, also indicates "other" certifications.

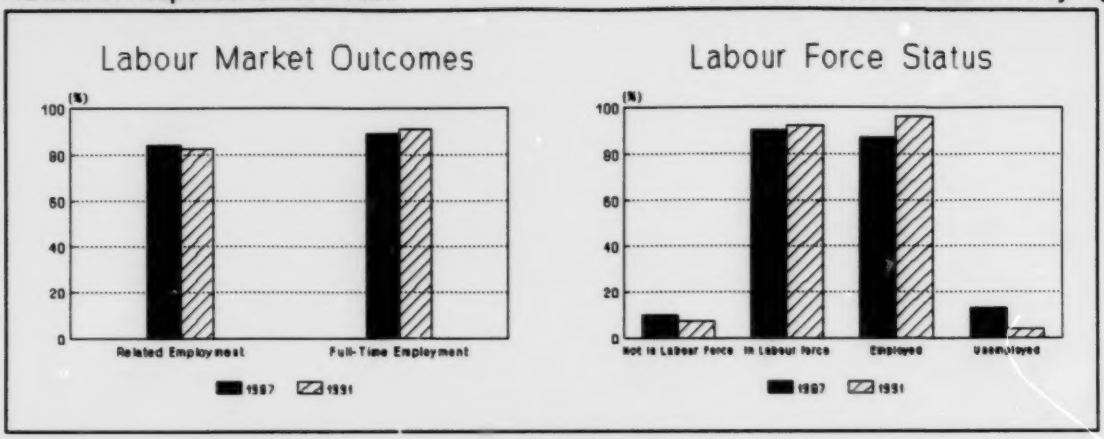
b) **No. Grads**: the number of respondents who had obtained the certification.

PROGRAM: All Programs Combined **CCSIS CODE#:** ___

TOTAL GRADUATES: **8101**
Number of Respondents 1987: **6337**
Number of Respondents 1991: **3895**

Male: 48.6% **Female:** 51.4 %

DEGREE OF RELIABILITY: Very High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,423($1,695)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 20% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **79 %** jobs related to the certification obtained in 1985/86
- **90 %** full-time jobs
- **81 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

	Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1.						
2.						
3.						
4.						
5.						

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

	Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1.						
2.						
3.						

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

	Qualification	No.Grads
1.		
2.		
3.		

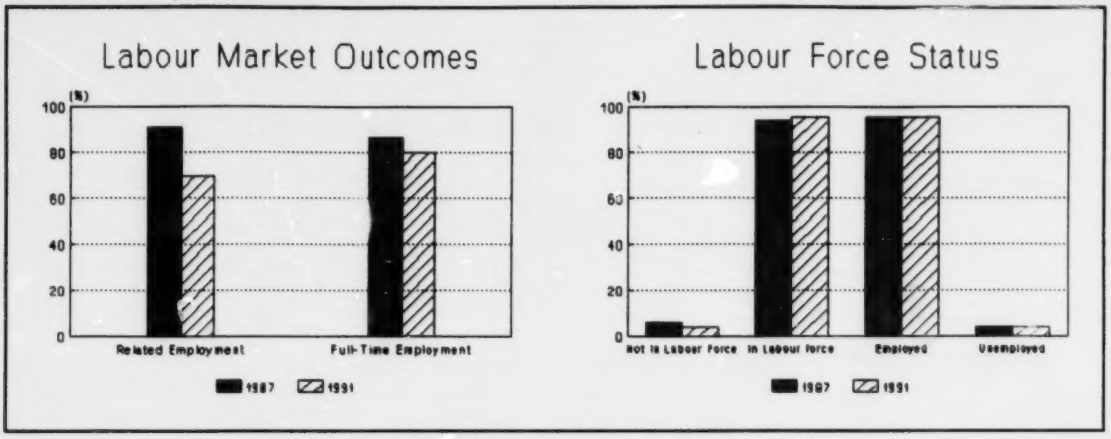
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Management & Administration 1 **CCSIS CODE#**:See Appendix A

TOTAL GRADUATES: **59**
Number of Respondents 1987: **50**
Number of Respondents 1991: **24**

Male: 32.7% **Female:** 67.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,215($1,278)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 8% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
74 % jobs related to the certification obtained in 1985/86
80 % full-time jobs
67 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **45**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Systems Analyst	2183	8	1. Sup. Sports & Rec.	3360	3
2. Sales & Advert. Mgr.	1137	5	2. Inspectors & Reg.Officers	1116	3
3. Welfare & Comm. Serv.	2333	3	3. Systems Analyst	2183	2
4. Government Administr.	1113	3	4. Elect.Data Operators	4143	2
5. Financial Officers	1171	2	5. Gener.Mgrs.& Oth.Sr.Offic.	1130	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Staged Entertainment	963	6	1. Economic Services	837	3
2. Gen. Adm. Serv. (Local)	835	4	2. Staged Entertainment	963	3
3. Human Resource Admin.	836	3	3. Gen. Adm. Serv. (Local)	835	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

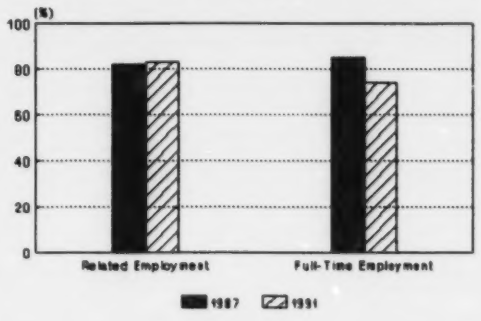
PROGRAM: Applied Arts 1

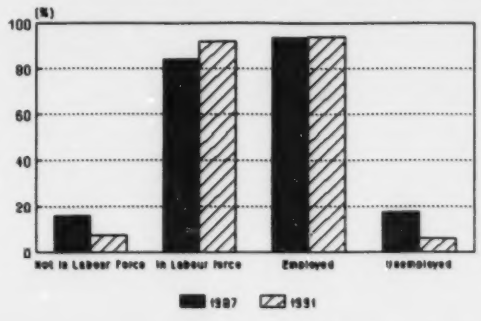
CCSIS CODE#:See Appendix A

TOTAL GRADUATES: 193
Number of Respondents 1987: **144**
Number of Respondents 1991: **53**

Male: 28.4% **Female:** 71.6 %

DEGREE OF RELIABILITY: High





CURRENT EARNINGS (in 1991 Constant Dollars): $1,997($1,218)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 20% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **65 %** jobs related to the certification obtained in 1985/86
- **81 %** full-time jobs
- **75 %** permanent jobs

Average (Mean) number of months in Labour Force: **42**
- Average (Mean) number of months employed: **40**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Prod. & Int. Design	3313	10	1. Prod. & Int. Design	3313	4
2. Salespersons	5135	10	2. Advert. & Ill. Arts	3314	4
3. Musicians & Singers	3332	9	3. Writers & Editors	3351	3
4. Advert. & Ill. Arts	3314	6	4. Fine Arts Teachers NEC	2792	3
5. Sales & Advert. Mgt.	1137	5	5. Musicians & Singers	3332	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Staged Entertainment	963	12	1. Staged Entertainment	963	9
2. Advert. Agencies	774	10	2. Advert. Agencies	774	3
3. Post.Sec. Non-Univ.Ed.	852	6	3. General Merch. Stores	641	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	8
2. Technical Institute Diploma/Certificate	1
3. College Diploma/Certificate	1

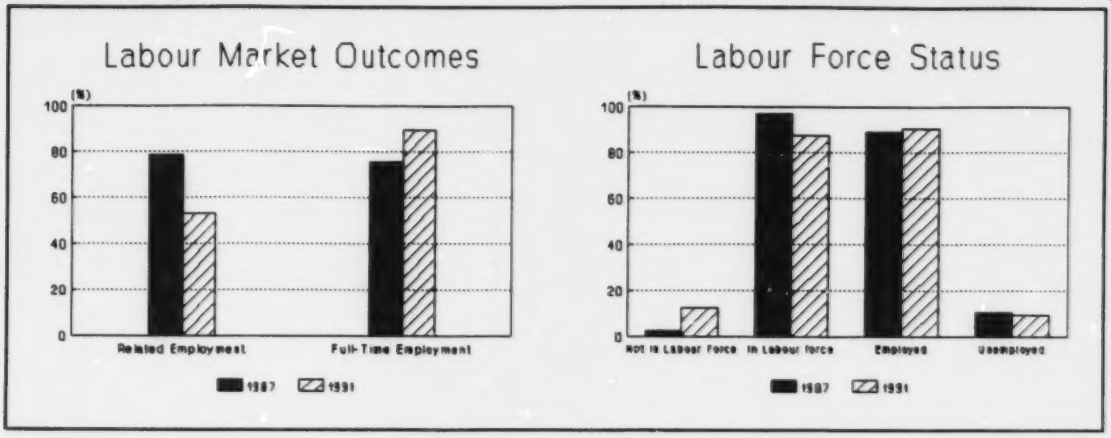
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Service Industry Technologies 1 **CCSIS CODE#**:See Appendix A

TOTAL GRADUATES: **60**
Number of Respondents 1987: **38**
Number of Respondents 1991: **24**

Male: 55.8% **Female:** 44.2%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,143($1,102)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
58 % jobs related to the certification obtained in 1985/86
94 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **42**
Average (Mean) number of months employed: **37**
Average (Mean) number of months unemployed: **5**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Baking & Rel.	8213	15	1. Baking & Rel.	8213	5
2. Food & Bev. Serving	6125	3	2. Food & Bev. Serving	6125	2
3. Salespersons	5135	2	3. Salespersons	5135	2
4. Chefs & Cooks	6121	2	4. Services Management	1142	1
5. Services Management	1142	2	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Food Stores	601	13	1. Food Stores	601	5
2. Food Services	921	3	2. Food Services	921	2
3. Civic & Fraternal Org.	986	2	3. Food Wholesale	521	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	2
2. College Diploma/Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

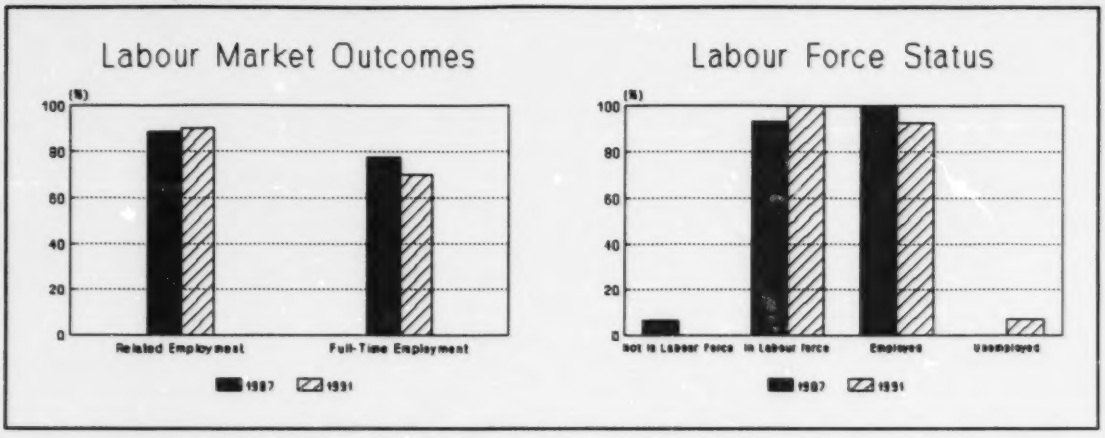
PROGRAM: Nursing I

CCSIS CODE#:See Appendix A

TOTAL GRADUATES: **38**
Number of Respondents 1987: **30**
Number of Respondents 1991: **15**

Male: 0% **Female:** 100%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $3,650($2,061)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 15% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
64 % jobs related to the certification obtained in 1985/86
85 % full-time jobs
89 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **47**
Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nurses	3131	22	1. Nurses	3131	7
2. Superv. Nursing & Rel.	3130	1	2. Psychologists	2315	1
3. Personnel & Rel.	1174	1	3. Security & Guards	6115	1
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	10	1. Hospitals	861	3
2. Non-Inst. Health Serv.	863	4	2. Hum.Resource Admin.Prov	826	1
3. Inst. Hlth. & Soc. Serv.	862	2	3. Hum.Resource Admin.Fed.	816	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Chemical or Electrical/ Electronic Technologies 1

CCSIS CODE#:See Appendix A

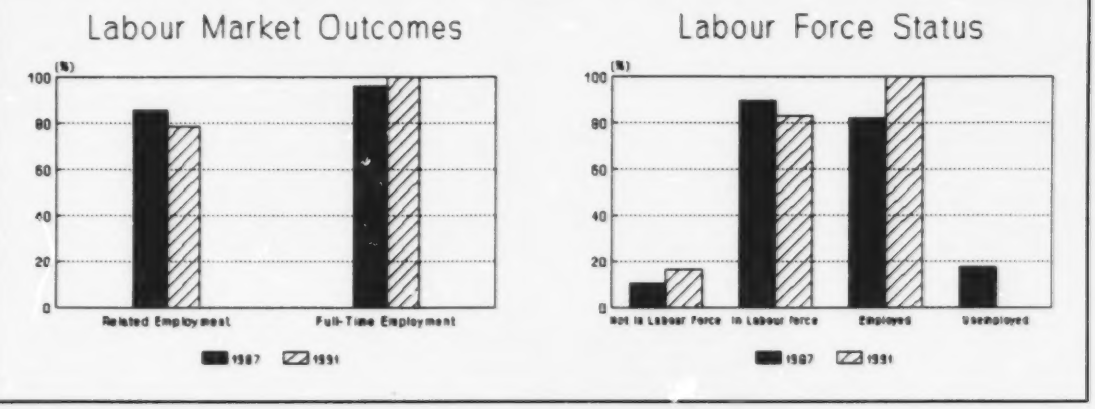
TOTAL GRADUATES: **57**

Number of Respondents 1987: **38**

Number of Respondents 1991: **18**

Male: 87.0% **Female**: 19.0%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,629($1,497)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**

63 % jobs related to the certification obtained in 1985/86

98 % full-time jobs

88 % permanent jobs

Average (Mean) number of months in Labour Force: **47**

Average (Mean) number of months employed: **45**

Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Phys. Sciences Tech.	2117	5	1. Engineering Tech.	2165	3
2. Commun. Equip. Instal.	8735	3	2. Phys. Sciences Tech.	2117	2
3. Plastics & Rel. Inspect.	8576	2	3. Medical Lab. Tech.	3156	2
4. Engineering Tech.	2165	1	4. Commerical Traveller	5133	1
5. Chemical Engineers	2155	1	5. Civil Engineers	2143	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Textile Products	169	5	1. Commun.& Oth.Elec.Equip.	335	3
2. Broadcasting	481	3	2. Crude Petro & Nat. Gas.	71	2
3. Scientific Tech. Serv.	775	3	3. Other Business Serv.	779	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	3
2. Vocational Certificate	1
3. College Diploma/Certificate	1

***Earnings reported in 1987 represented starting salary**

( ) Denotes 1987 values

PROGRAM: Diagnostic & Treatment Medical Technologies 1

CCSIS CODE#: See Appendix A

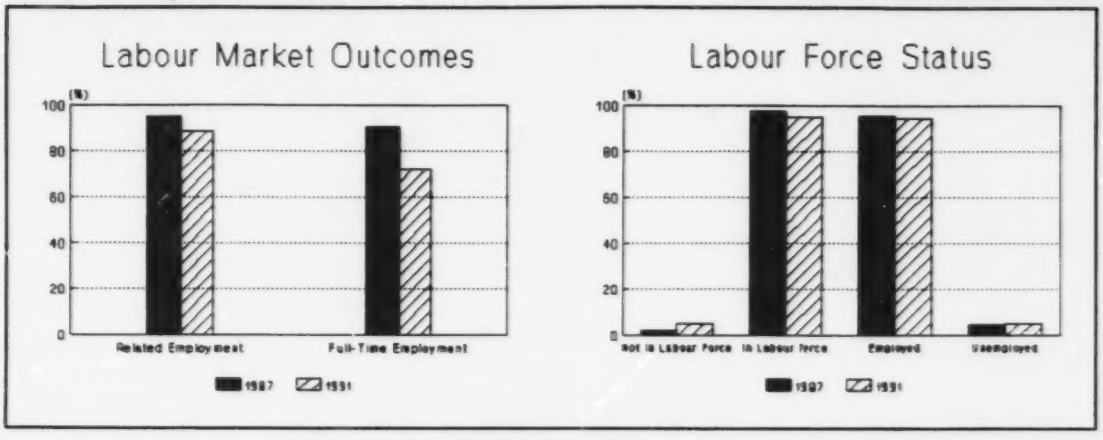
TOTAL GRADUATES: **63**

Number of Respondents 1987: **46**

Number of Respondents 1991: **20**

Male: 18.6% **Female:** 81.4 %

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,346($1,800)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 20% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**

59 % jobs related to the certification obtained in 1985/86

77 % full-time jobs

83 % permanent jobs

Average (Mean) number of months in Labour Force: **46**

Average (Mean) number of months employed: **45**

Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Pharmacists	3151	18	1. Medical Lab. Tech.	3156	9
2. Respiratory Tech.	3162	18	2. Respiratory Tech.	3162	6
3. Medical Lab. Tech.	3332	3	3. Nursing, Therapy	3139	1
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	10	1. Hospitals	861	11
2. Drug Stores	603	7	2. Non-Inst.Health Serv.	863	4
3. Non-Inst. Helath Serv.	863	1	3. Drug Stores	603	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Technical Institute Diploma/Certificate	1
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**

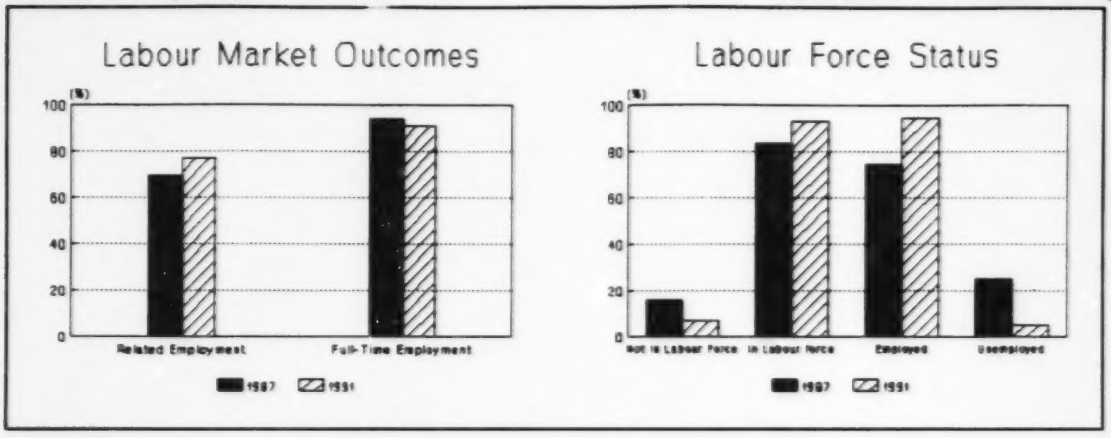
( ) Denotes 1987 values

PROGRAM: Engineering Technologies 1 **CCSIS CODE#**:See Appendix A

TOTAL GRADUATES: **185**
Number of Respondents 1987: **142**
Number of Respondents 1991: **83**

Male: 96.4% **Female**: 3.6%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,890($1,521)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 33% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **70 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **85 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **43**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Welding	8335	9	1. Engineering Tech.	2165	5
2. Cab. & Wood Furn. Mkr.	8541	5	2. Welding	8335	4
3. Engineering Tech.	2165	5	3. Stat. Eng./Util. Equip.Op.	9539	4
4. Carpenter	8781	4	4. Aerospace Engineer	2155	3
5. Industr.Farm Constr.	8523	3	5. Civil Engineer	2143	3

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Non Resid. Bldg. & Dev.	402	5	1. Building Development	401	5
2. Aircraft & Parts	321	4	2. Aircraft & Parts	321	5
3. Fabr. Metal Products	302	3	3. Arch. Eng. & Oth. Sci.Serv.	775	4

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	15
2. Vocational Certificate	7
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

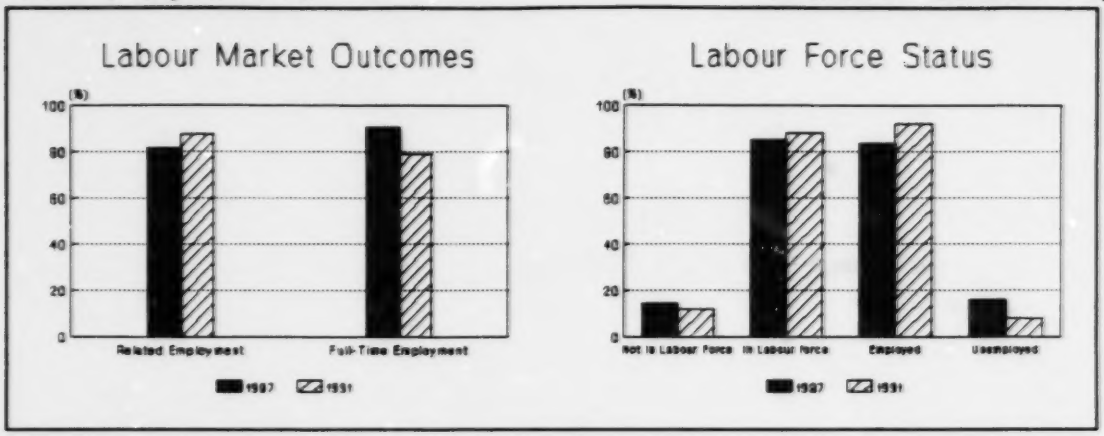
PROGRAM: Social Services 1

CCSIS CODE#: See Appendix A

TOTAL GRADUATES: **140**
Number of Respondents 1987: **108**
Number of Respondents 1991: **44**

Male: 37.7% **Female:** 62.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,328($1,404)/Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **66 %** jobs related to the certification obtained in 1985/86
- **85 %** full-time jobs
- **65 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Social Worker	2331	21	1. Social Worker	2331	5
2. Childcare Worker	6147	7	2. Welfare & Comm. Serv.	2333	4
3. Medical Assistants	3139	5	3. Guards & Security	6115	2
4. Psychologists	2315	3	4. Manag. & Admin. Rel.	1179	2
5. Welfare & Comm. Serv.	2333	2	5. Services Management	1142	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Inst. Hlth & Soc. Serv.	862	16	1. Hospitals	861	3
2. Non-Inst. Soc. Serv.	864	15	2. Human Resource Admin.	836	2
3. Human Resource Admin.	826	7	3. Non-Inst. Hlth. Serv.	863	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	3
2. College Diploma/Certificate	3
3. Vocational Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

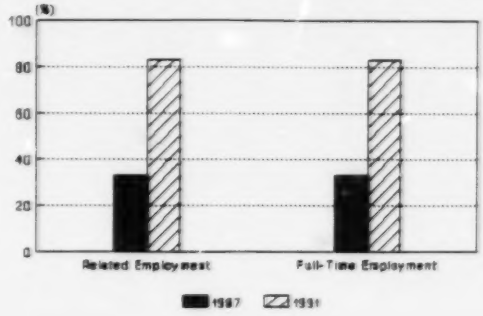
PROGRAM: Arts & Science

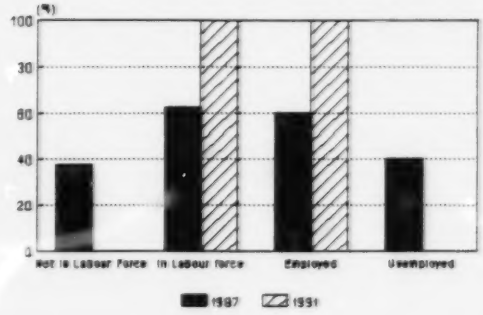
CCSIS CODE#:10000

TOTAL GRADUATES: 19
Number of Respondents 1987: **16**
Number of Respondents 1991: **7**

Male: 43.8 % **Female:** 56.3 %

DEGREE OF RELIABILITY: Caution





CURRENT EARNINGS (in 1991 Constant Dollars): $1,612 ($,712)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 43% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
70 % jobs related to the certification obtained in 1985/86
87 % full-time jobs
60 % permanent jobs
Average (Mean) number of months in Labour Force: **36**
Average (Mean) number of months employed: **35**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Elec. Proc.Equip.Op.	4143	1	1. Social Worker	2331	1
2. Salesperson	5135	1	2. Secretary	4111	1
3. N/A	N/A	N/A	3. Cashier/Teller	4133	1
4. N/A	N/A	N/A	4. Receptionist	4171	1
5. N/A	N/A	N/A	5. Travel Clerk/Agent	4193	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Telecomm.Carriers	482	1	1. Human Resources	816	1
2. Gift, Novelty,Souvenirs	658	1	2. General Admin. Serv.	835	1
3. N/A	N/A	N/A	3. Travel Services	996	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Technical Institute Diploma/Certificate	1
3. N/A	N/A

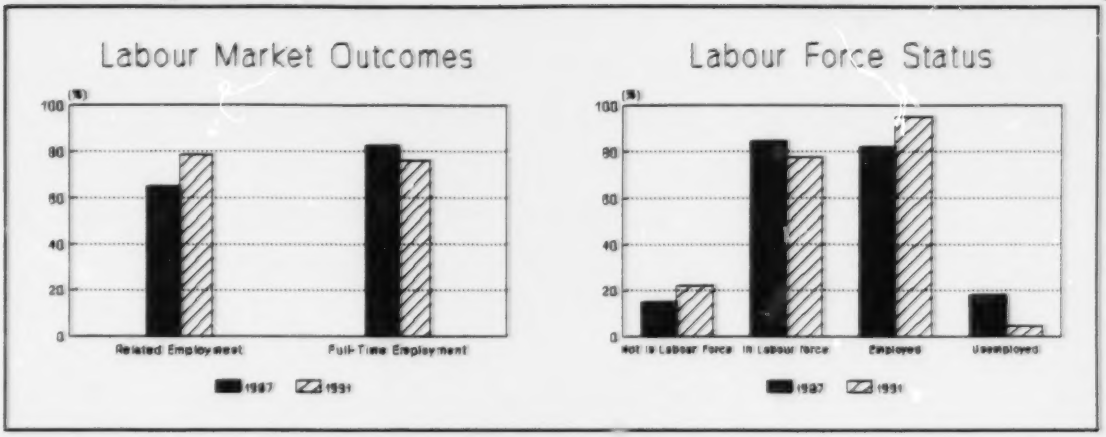
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Fine Arts **CCSIS CODE#:**21000

TOTAL GRADUATES: **40**
Number of Respondents 1987: **33**
Number of Respondents 1991: **28**

Male: 54.5% **Female:** 45.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,796 ($1,063)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 14% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
76 % jobs related to the certification obtained in 1985/86
78 % full-time jobs
2 % permanent jobs
Average (Mean) number of months in Labour Force: **39**
Average (Mean) number of months employed: **37**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Salesperson	5135	4	1. Advert. & Illustra. Arts	3314	3
2. Advert. & Illustra.Arts	3314	3	2. Painters	3311	2
3. Printing & Related	9519	2	3. College/Vocat.Teachers	2791	2
4. Secondary School Teach.	2733	1	4. Interior Designers	3313	1
5. Fine Arts Teachers	2792	1	5. University Teaching	2719	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Retail Stores	659	3	1. Other Retail Stores	659	5
2. Other Business Serv.	779	2	2. Post-Sec.Non Univ Educ.	852	3
3. Museum & Archives	855	2	3. Publishing	283	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. Technical Institute Diploma/Certificate	1
3. Vocational Certificate	1

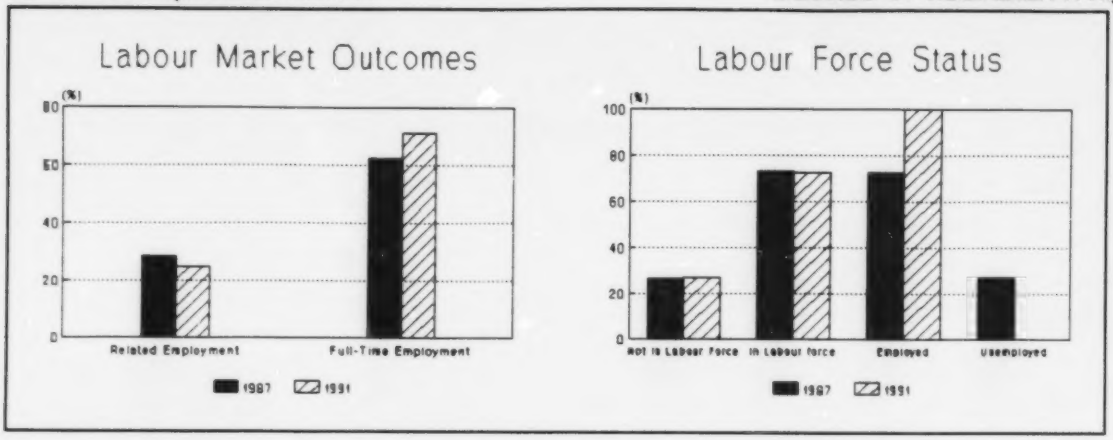
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Sculpture & Painting **CCSIS CODE#**: 21200

TOTAL GRADUATES: 17
Number of Respondents 1987: **15**
Number of Respondents 1991: **11**

Male: 33.3 % **Female**: 66.7 %

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,844 ($1,160)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 30% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **28 %** jobs related to the certification obtained in 1985/86
- **79 %** full-time jobs
- **69 %** permanent jobs

Average (Mean) number of months in Labour Force: **37**
- Average (Mean) number of months employed: **33**
- Average (Mean) number of months unemployed: **4**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Elem. & Sec. Teach	2739	1	1. Managers/Administrators	1149	1
2. Secretaries/Stenos	4111	1	2. Actors	3335	1
3. N/A	N/A	N/A	3. N/A	N/A	N/A
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Elem. & Sec. Education	851	1	1. Staged Entertainment	963	2
2. Other Rec.Serv.	969	1	2. N/A	N/A	N/A
3. N/A	N/A	N/A	3. N/A	N/A	N/A

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	1
2. College Diploma/Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

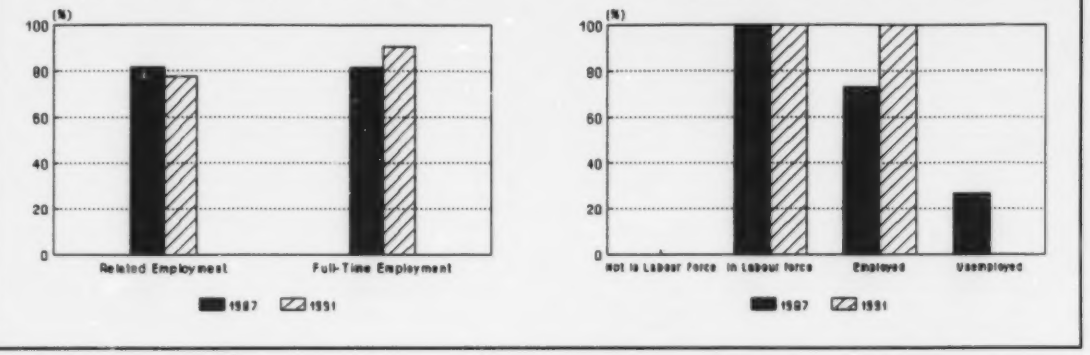
PROGRAM: Photography

CCSIS CODE#:23100

TOTAL GRADUATES: **20**
Number of Respondents 1987: **15**
Number of Respondents 1991: **11**

Male: 73.3% **Female:** 26.7 %

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,157 ($1,467)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 9% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **47 %** jobs related to the certification obtained in 1985/86
- **84 %** full-time jobs
- **84 %** permanent jobs

Average (Mean) number of months in Labour Force: **47**
- Average (Mean) number of months employed: **47**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Photographers	3315	6	1. Photographers	3315	5
2. Photographic Processing	9591	2	2. Photographic Processing	9591	2
3. Salespersons	5135	1	3. N/A	N/A	N/A
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Photographers	993	5	1. Photographers	993	4
2. Typesetting & Bindery	282	1	2. Camera & Photo Supply	657	1
3. Drug Stores	603	1	3. Publishing & Printing	284	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

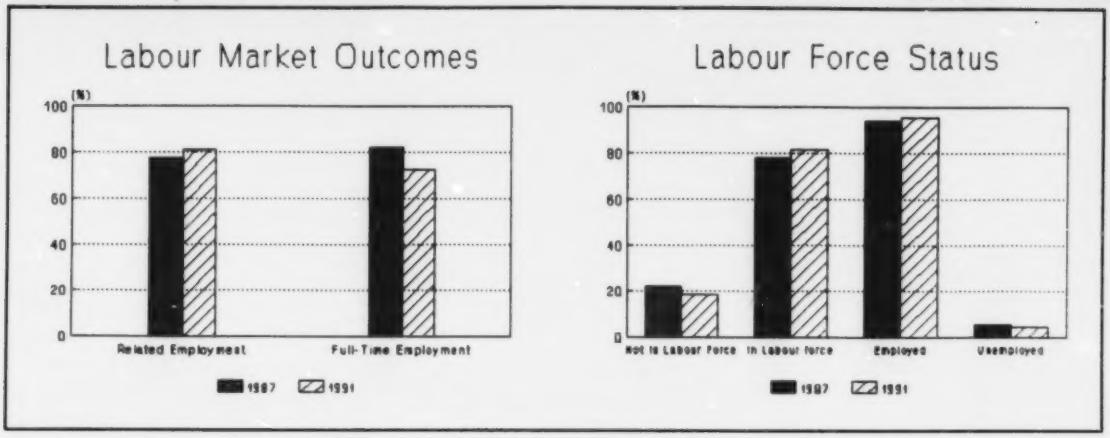
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Graphic/Audio Visual Arts **CCSIS CODE#**: 23500

TOTAL GRADUATES: **83**
Number of Respondents 1987: **68**
Number of Respondents 1991: **28**

Male: 35.3% **Female**: 64.7%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $1,824 ($1,483)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 21% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **44 %** jobs related to the certification obtained in 1985/86
- **78 %** full-time jobs
- **84 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **43**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Advert. & Illustra. Arts	3314	20	1. Advert. & Illustr. Arts	3314	12
2. Painters & Sculptors	3311	3	2. Salespersons	5135	1
3. Salespersons	5135	3	3. Medical Lab Technician	3156	1
4. Printing Press	9512	3	4. Fine Arts Teachers	2792	1
5. Interior Design	3313	2	5. Other Teaching & Rel.	2799	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Advert. Services	774	9	1. Advert. Services	774	4
2. Commercial Printing	281	7	2. Other Retail Stores	659	3
3. Other Business Services	779	4	3. Other Business Services	779	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Technical Institute Diploma/Certificate	2
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

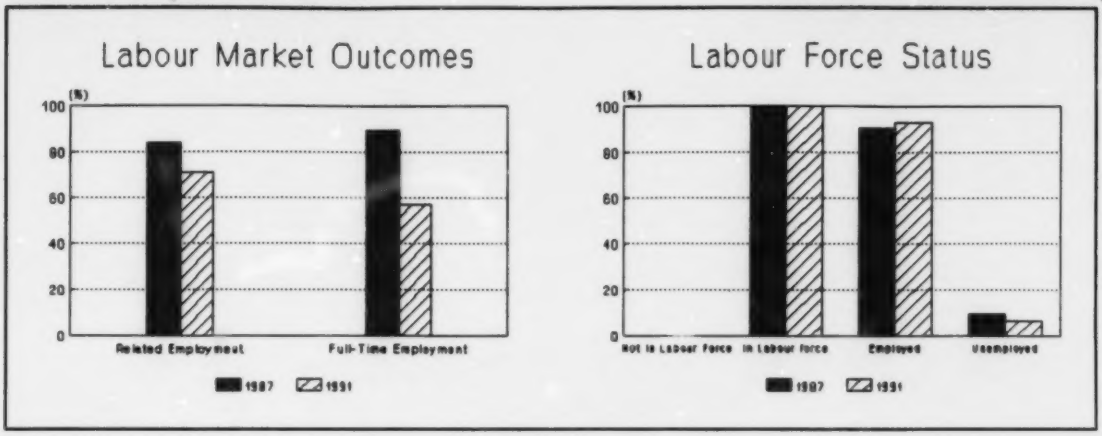
PROGRAM: Fashion Arts

CCSIS CODE#: 24400

TOTAL GRADUATES: **25**
Number of Respondents 1987: **21**
Number of Respondents 1991: **15**

Male: 9.5% **Female:** 90.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,530 ($1,120)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 20% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **71 %** jobs related to the certification obtained in 1985/86
- **71 %** full-time jobs
- **83 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **37**
- Average (Mean) number of months unemployed:**7**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Tailors/Dressmakers	8553	5	1. Tailors/Dressmakers	8553	4
2. Salespersons	5135	4	2. Sales & Advert. Mgt.	1137	1
3. Textile Operators	8563	3	3. Salespersons	5135	1
4. Sales & Advert. Mgt.	1137	1	4. Production Management	1143	1
5. Prod.& Int. Design	3313	1	5. Post Sec. Teachers NEC	2793	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Men's Clothing Stores	612	5	1. Fabric & Yarn Stores	615	2
2. Fabric & Yarn Stores	615	3	2. Staged Entertainment	963	2
3. Other Textile Products	199	1	3. Men's Clothing Stores	612	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	2
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

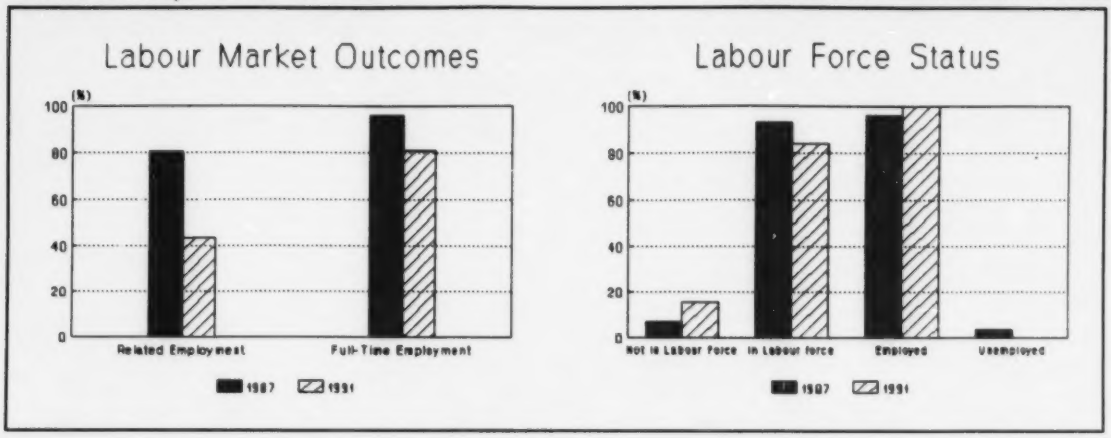
PROGRAM: Hairstyling

CCSIS CODE#: 25100

TOTAL GRADUATES: **46**
Number of Respondents 1987: **29**
Number of Respondents 1991: **20**

Male: 10.3% **Female:** 89.7%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $1,531 ($1,483)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 15% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **53 %** jobs related to the certification obtained in 1985/86
- **87 %** full-time jobs
- **97 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Barbers & Hairdressers	6143	21	1. Barbers & Hairdressers	6143	7
2. N/A	N/A	N/A	2. N/A	N/A	N/A
3. N/A	N/A	N/A	3. N/A	N/A	N/A
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Barbers & Beauty Shop	971	21	1. Barbers & Beauty Shop	971	7
2. N/A	N/A	N/A	2. N/A	N/A	N/A
3. N/A	N/A	N/A	3. N/A	N/A	N/A

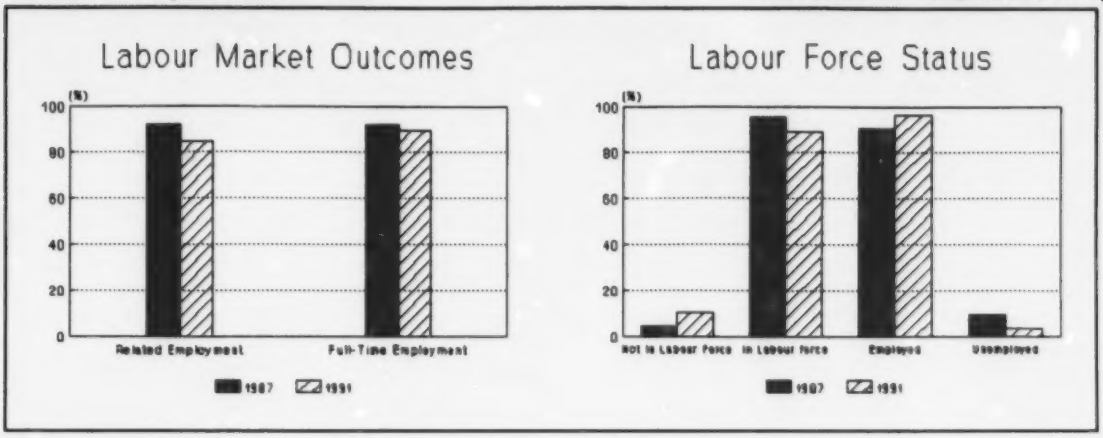
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Techical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Radio & T.V. Broadcasting **CCSIS CODE#:** 26200

TOTAL GRADUATES: **116** **Male:** 65.2% **Female:** 34.8%
Number of Respondents 1987: **89**
Number of Respondents 1991: **68** **DEGREE OF RELIABILITY:** High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,218 ($1,466)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 11% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **58 %** jobs related to the certification obtained in 1985/86
- **87 %** full-time jobs
- **77 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **42**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Writers & Editors	3351	18	1. Writers & Editors	3351	10
2. Radio/TV Announc.	3337	16	2. Producers & Directors	3330	9
3. Broadcasting Equip. Oper.	9551	11	3. Broadcasting Equip. Oper.	9551	7
4. Producers & Directors	3330	6	4. Radio/TV Announcers	3337	5
5. Perform. A.V. Arts NEC	3339	6	5. Photogr.&Camera Op.	3315	5

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Broadcasting	481	66	1. Broadcasting	481	33
2. Audio/Video Product.	961	3	2. Audio/Video Product.	961	6
3. Oth. Educ. Services	859	1	3. Advertising Services	774	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. Technical Institute Diploma/Certificate	2
3. N/A	N/A

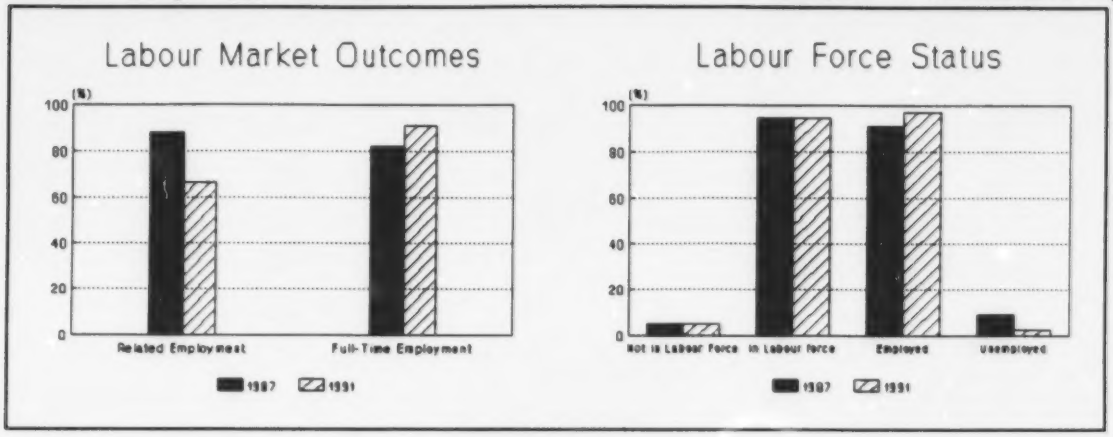
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Mass Communication Studies **CCSIS CODE#**: 26300

TOTAL GRADUATES: **78**
Number of Respondents 1987: **59**
Number of Respondents 1991: **39**

Male: 52.5% **Female**: 47.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,131 ($1,307)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 8% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **54 %** jobs related to the certification obtained in 1985/86
- **89 %** full-time jobs
- **92 %** permanent jobs

Average (Mean) number of months in Labour Force: **47**
- Average (Mean) number of months employed: **46**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Advert. & Illst. Artists	3314	9	1. Writers & Editors	3351	3
2. Writers & Editors	3351	8	2. Advert. & Illst.Artists	3314	3
3. Product & Int. Design	3313	6	3. Salespersons	5135	2
4. Radio & T.V. Announcers	3337	4	4. Product & Int. Design	3313	2
5. Drafting	2163	2	5. Radio & T.V. Announcers	3337	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Broadcasting	481	6	1. Broadcasting	481	4
2. Publishing	283	5	2. Publishing	283	3
3. Commercial Printing	281	4	3. University Education	853	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Vocational Certificate	2
3. Bachelor Degree	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

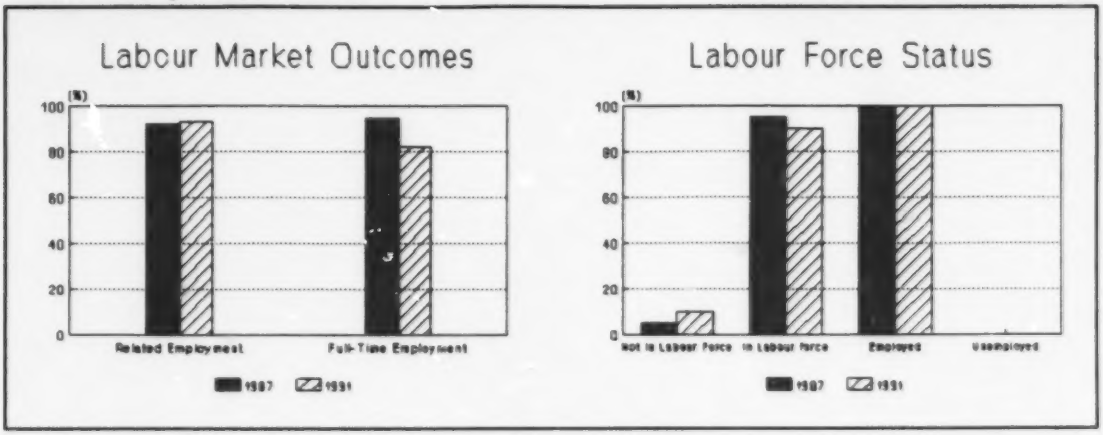
PROGRAM: Journalism

CCSIS CODE#: 31000

TOTAL GRADUATES: **46**
Number of Respondents 1987: **40**
Number of Respondents 1991: **20**

Male: 30.0% **Female:** 70.0%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,138 ($1,456)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 5% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **63 %** jobs related to the certification obtained in 1985/86
- **78 %** full-time jobs
- **79 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **42**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Writers & Editors	3351	26	1. Writers & Editors	3351	8
2. Camera Operators	3315	2	2. Camera Operators	3315	1
3. Services Management	1142	1	3. Social Science Occupat.	2319	1
4. Mgt. & Admin. NEC	1179	1	4. Mgt. & Admin. NEC	1179	1
5. Nursing, Ther. & Rel	3139	1	5. Other Mgt. & Admin.NEC	1149	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Publishing	283	19	1. Publishing	283	2
2. Printing & Publishing	284	3	2. Post Sec.Non-Univ.Ed.	852	2
3. Post.Sec. Non-Univ. Ed.	852	2	3. Other Personal Serv.NEC	999	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. N/A	N/A
3. N/A	N/A

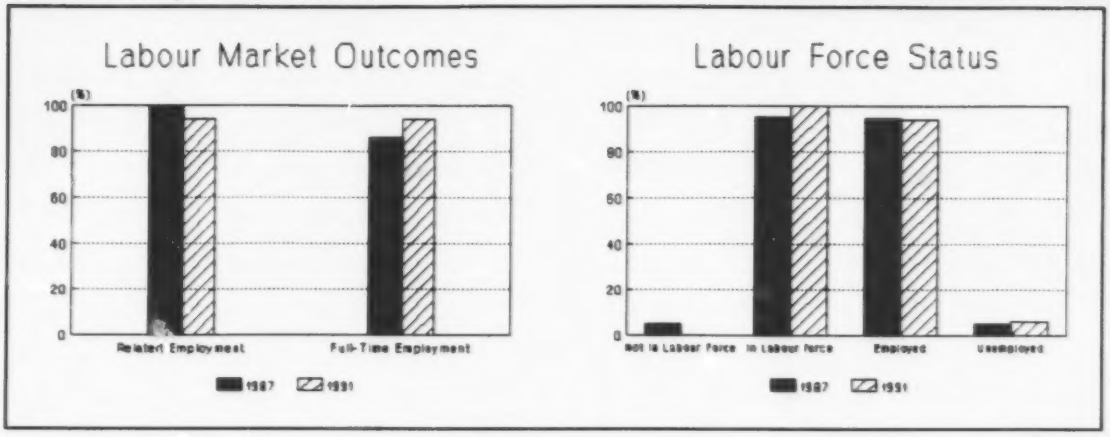
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Library/Documentation Science **CCSIS CODE#:** 32100

TOTAL GRADUATES: **44**
Number of Respondents 1987: **40**
Number of Respondents 1991: **19**

Male: 5.0% **Female:** 95.0%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $1,972 ($1,842)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 0% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
49 % jobs related to the certification obtained in 1985/86
26 % full-time jobs
68 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Librarians	2351	10	1. Librarians	2351	12
2. Library & File Clerks	4161	10	2. Library & File Clerks	4161	2
3. Library Technicians	2353	7	3. Dieticians	3152	1
4. Elem./Sec. Teach. & Rel.	2739	2	4. Nurses	3131	1
5. Educ. & Voca. Counsel.	2391	1	5. Sales & Advert.Mgt.	1137	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Elem. & Secondary Educ.	851	13	1. Elem. & Secondary Educ.	851	6
2. Library Services	854	7	2. Hospitals	861	3
3. Post-Sec. Non-Univ. Ed.	852	4	3. Library Services	854	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. N/A	N/A
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

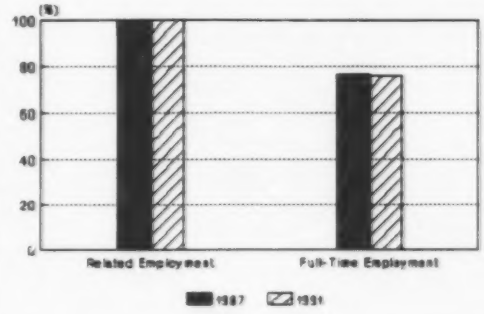
PROGRAM: Diploma Nursing

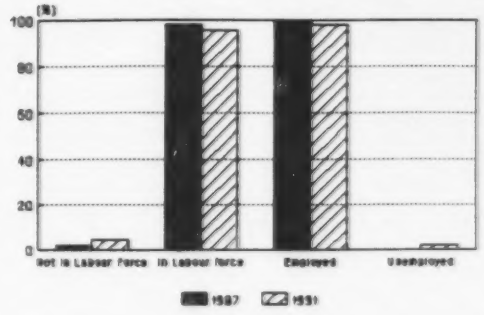
CCSIS CODE#: 41100

TOTAL GRADUATES: **269**
Number of Respondents 1987: **202**
Number of Respondents 1991: **108**

Male: 5.9% **Female:** 94.1%

DEGREE OF RELIABILITY: High





CURRENT EARNINGS (in 1991 Constant Dollars): $2,131 ($1,307)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 19% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **55 %** jobs related to the certification obtained in 1985/86
- **78 %** full-time jobs
- **86 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **46**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nurses	3131	190	1. Nurses	3131	89
2. Nursing Assistants	3134	1	2. Supervisors Nursing	3130	4
3. Nursing, Ther. & Rel.	3139	1	3. University Teacher	2711	1
4. Pharmacists	3151	1	4. Social Worker	2331	1
5. Accounting Clerks	4131	1	5. Management/Admin.	1179	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	182	1. Hospitals	861	84
2. Inst. Hlth. & Soc. Ser.	862	5	2. Inst.Hlth & Soc.Ser.	862	3
3. Human Resource Admin.	863	2	3. Human Resource Admin.	863	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	6
2. Hospital Based Nursing Program	5
3. Bachelor Degree	4

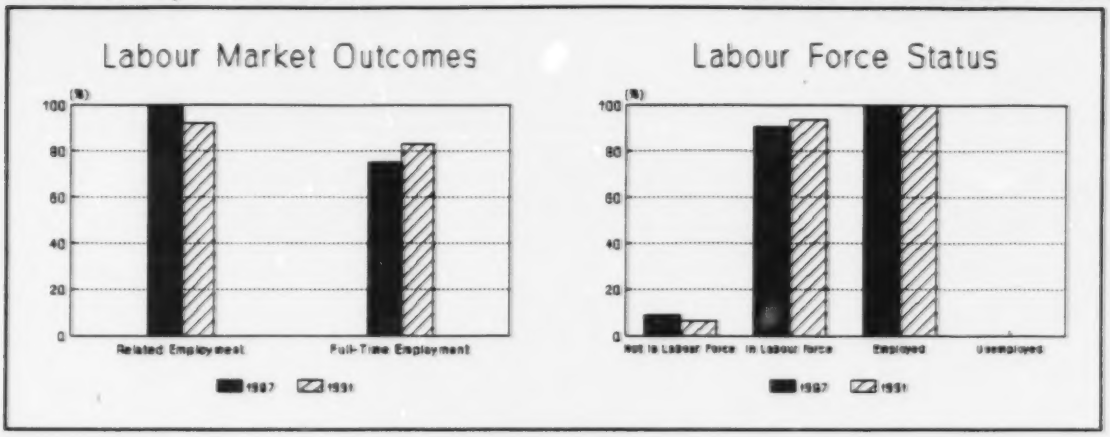
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Specialized Nursing **CCSIS CODE#:** 41700

TOTAL GRADUATES: **30**
Number of Respondents 1987: **22**
Number of Respondents 1991: **16**

Male: 9.5% **Female:** 90.5%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $3,079 ($2,685)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 13% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
38 % jobs related to the certification obtained in 1985/86
79 % full-time jobs
96 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nurses	3131	17	1. Nurses	3131	6
2. Management & Rel.	1132	1	2. Superv. Nursing & Rel.	3130	4
3. Medical Admin.	1134	1	3. Health Diagnosing NEC	3119	1
4. Superv. Nursing & Rel.	3130	1	4. Nursing Therapy NEC	3139	1
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	15	1. Hospitals	861	10
2. Inst. Hlth. & Soc. Serv.	862	3	2. Non-Instit. Health Services	863	1
3. Non-Inst. Health Serv.	863	1	3. Human Resource Admin.	826	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	1
2. College Diploma/Certificate	1
3. N/A	N/A

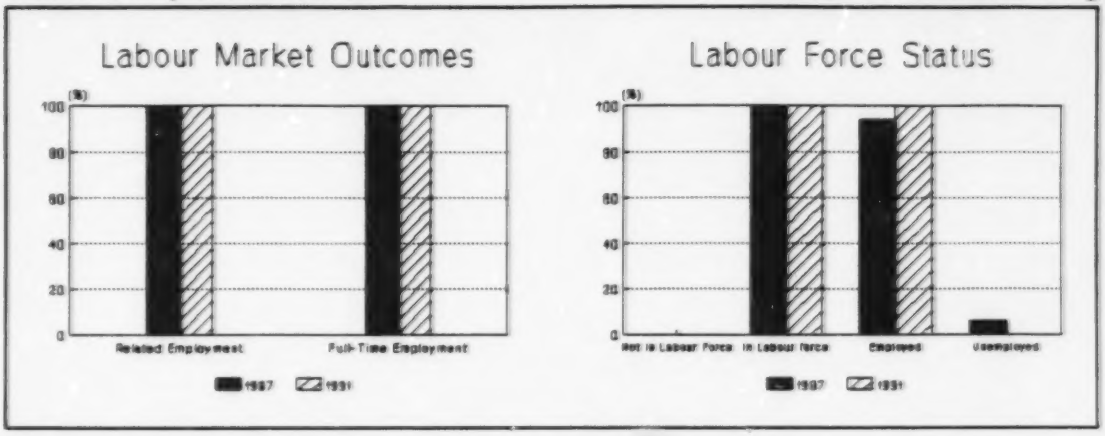
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Emergency Para-Medical Technologies **CCSIS CODE#:** 42100

TOTAL GRADUATES: **38**
Number of Respondents 1987: **34**
Number of Respondents 1991: **23**

Male: 91.2% **Female:** 8.8%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,518 ($2,520)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **76 %** jobs related to the certification obtained in 1985/86
- **89 %** full-time jobs
- **92 %** permanent jobs

Average (Mean) number of months in Labour Force: **48**
- Average (Mean) number of months employed: **48**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nursing,Ther & Rel.	3139	31	1. Nursing, Ther & Rel.	3139	13
2. N/A	N/A	N/A	2. Other Med/Hlth NEC	3169	4
3. N/A	N/A	N/A	3. Firefighting	6111	4
4. N/A	N/A	N/A	4. Air Pilots	9111	1
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Non-Inst. Hlth Serv.	863	29	1. Non-Instit.Hlth Serv.	863	15
2. Metal Mines	061	1	2. Protective Services	832	6
3. Protective Services	832	1	3. Air Transport	451	1

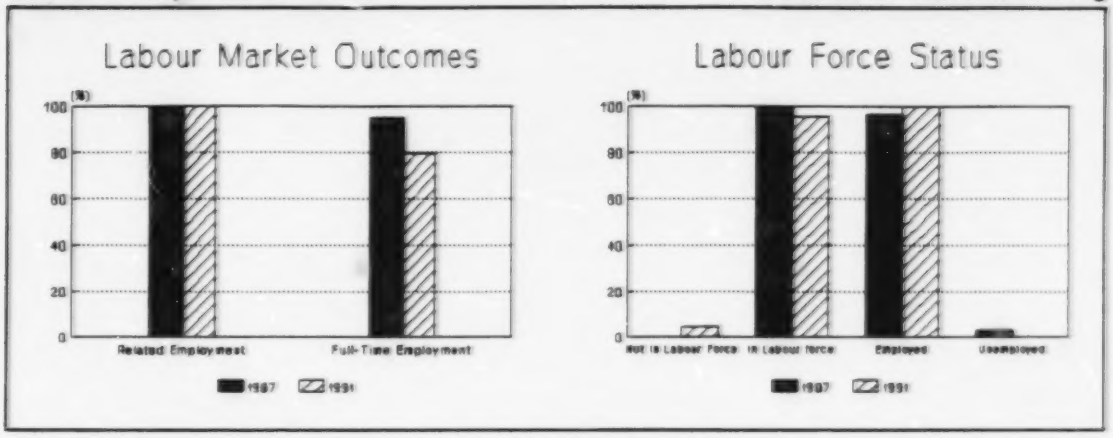
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	1
2. College Diploma/Certificate	1
3. Technical Institute Diploma/Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Medical Laboratory Technologies **CCSIS CODE#**: 42300

TOTAL GRADUATES: **96** **Male**: 11.3% **Female**: 88.7%
Number of Respondents 1987: **62**
Number of Respondents 1991: **47** **DEGREE OF RELIABILITY**: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,667 ($2,464)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 15% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
61 % jobs related to the certification obtained in 1985/86
81 % full-time jobs
89 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **45**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Medical Lab Technician	3156	55	1. Medical Lab Technician	3156	39
2. Life Sciences Tech.	2135	1	2. Other Medicine	3169	1
3. Other Medicine	3169	1	3. Systems Analyst	2183	1
4. Superv.& Foremen NEC	9910	1	4. Engineering Tech.	2165	1
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	40	1. Hospitals	861	26
2. Medical Lab.	868	17	2. Medical Lab	868	15
3. Hlt. & Soc. Serv. Assn.	869	1	3. Non-Instit. Health Serv.	863	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	3
2. Technical Institute Diploma/Certificate	2
3. College Diploma/Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: X-Ray/Radiology/Radiotherapy/ Nuclear Medicine Technologies

CCSIS CODE#: 42400

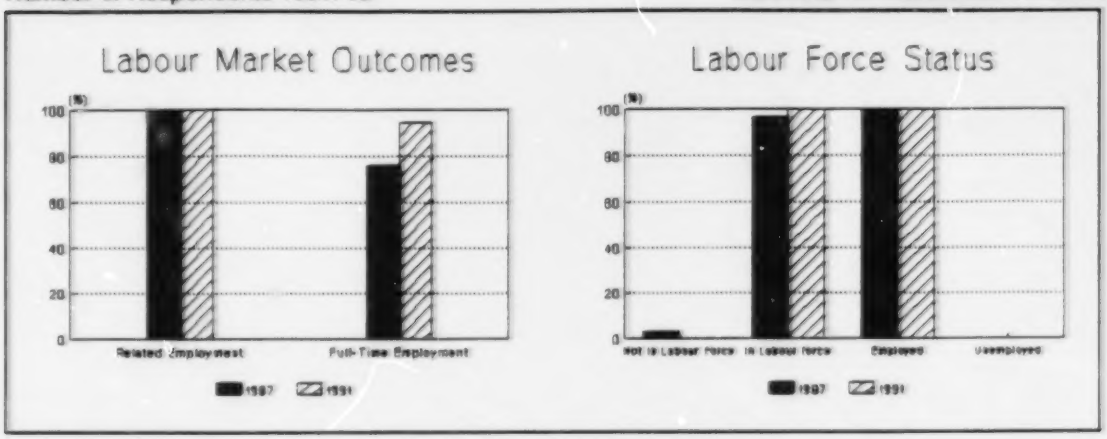
TOTAL GRADUATES: **54**

Male: 20.7% **Female:** 79.3%

Number of Respondents 1987: **30**

Number of Respondents 1991: **19**

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,649 ($2,383)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 11% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**

88 % jobs related to the certification obtained in 1985/86

84 % full-time jobs

91 % permanent jobs

Average (Mean) number of months in Labour Force: **47**

Average (Mean) number of months employed: **46**

Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Radiological Tech.	3155	25	1. Radiological Tech.	3155	16
2. Phys. Sciences Tech.	2117	4	2. Medical Lab Tech.	3156	1
3. N/A	N/A	N/A	3. Other Medical Tech.NEC	3169	1
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	23	1. Hospitals	861	14
2. Medical Lab.	868	3	2. Medical Lab.	868	4
3. Other Construction. Serv	449	1	3. N/A	N/A	N/A

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**

( ) Denotes 1987 values

PROGRAM: Combined Laboratory & X-Ray Technology **CCSIS CODE#**: 42500

TOTAL GRADUATES: **18**
Number of Respondents 1987: **16**
Number of Respondents 1991: **13**

Male: 0.0% **Female**:100.0%

DEGREE OF RELIABILITY: High

CURRENT EARNINGS (in 1991 Constant Dollars): $2,348 ($1,878)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 31% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
57 % jobs related to the certification obtained in 1985/86
67 % full-time jobs
77 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Medical Lab. Tech.	3156	13	1. Medical Lab Tech.	3156	11
2. Phy. Sciences Tech.	2117	1	2. Radiological Tech	3155	1
3. N/A	N/A	N/A	3. N/A	N/A	N/A
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Medical Lab.	868	7	1. Hospitals	861	8
2. Hospitals	861	6	2. Medical Lab	868	3
3. Inst. Hlth & Soc. Serv.	862	1	3. University Education	853	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	3
2. N/A	N/A
3. N/A	N/A

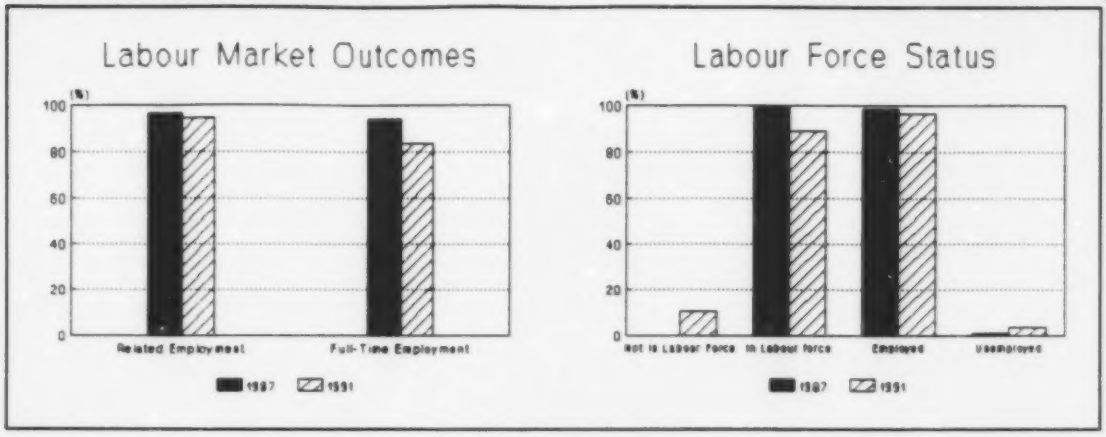
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Dental Hygiene/Assistant Technologies **CCSIS CODE#**: 42700

TOTAL GRADUATES: **121**
Number of Respondents 1987: **91**
Number of Respondents 1991: **66**

Male: 0.0% **Female**:100.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,113 ($1,755)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 16% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **66 %** jobs related to the certification obtained in 1985/86
- **83 %** full-time jobs
- **96 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **43**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Dental Hygiene & Asst.	3158	82	1. Dental Hygiene & Asst.	3158	47
2. Oth. Managers & Admin.	1149	1	2. Receptionist	4171	3
3. Receptionists	4171	1	3. Medical Lab Tech.	3156	2
4. N/A	N/A	N/A	4. Nursing,Therapy Rel.	3139	1
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Office of Physicians	865	74	1. Office of Physicians	865	49
2. Non-Inst. Health Serv.	863	10	2. Non. Instit. Health Serv.	863	2
3. Employment Agencies	771	1	3. Hospitals	861	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	4
2. Vocational Certificate	2
3. College Diploma/Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

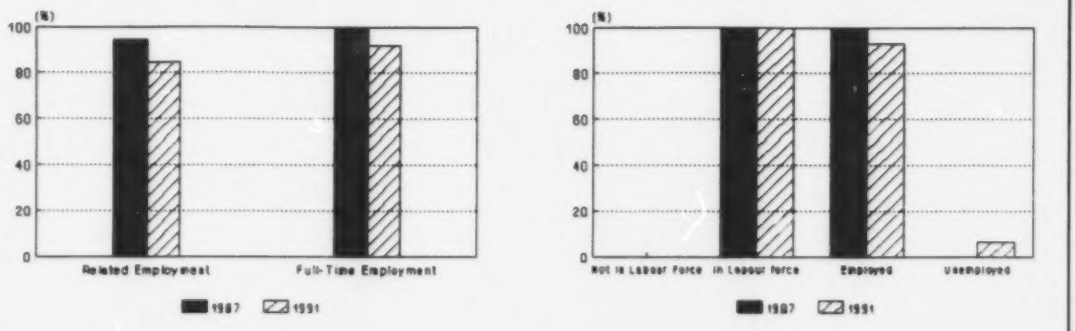
PROGRAM: Dental Appliances

CCSIS CODE#: 43100

TOTAL GRADUATES: **24**
Number of Respondents 1987: **21**
Number of Respondents 1991: **15**

Male: 71.4% **Female:** 28.6%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,504 ($1,444)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 53% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **57 %** jobs related to the certification obtained in 1985/86
- **95 %** full-time jobs
- **93 %** permanent jobs

Average (Mean) number of months in Labour Force: **43**
- Average (Mean) number of months employed: **42**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Denturists	3157	11	1. Dental Lab. Tech.	3161	5
2. Dental Lab. Tech.	3161	5	2. Dental Hygienist	3158	4
3. Medical Lab. Tech.	3156	1	3. Denturists	3157	2
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Health Practices	866	11	1. Offices of Physicians	865	4
2. Other Mfg. Products	399	4	2. Other Health Practices	866	4
3. Offices of Physicians.	865	3	3. Oth.Manufact.Prod.Ind.	399	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	4
2. College Diploma/Certificate	2
3. N/A	N/A

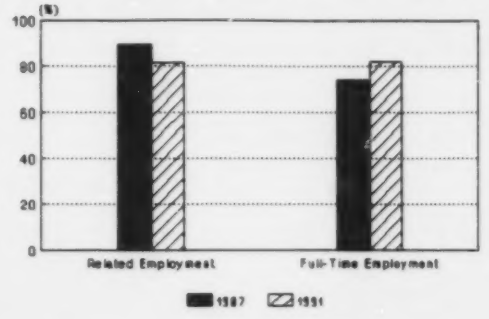
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Dietetics/Dietary Technologies **CCSIS CODE#**: 44100

TOTAL GRADUATES: **46**
Number of Respondents 1987: **40**
Number of Respondents 1991: **28**

Male: 2.5% **Female:** 97.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,343 ($1,691)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
52 % jobs related to the certification obtained in 1985/86
76 % full-time jobs
79 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Dieticians & Nutri.	3152	18	1. Dieticians & Nutri.	3152	8
2. Sup. Food & Bev. Prep.	6120	2	2. Sup. Food & Bev. Prep.	6120	5
3. Chefs & Cooks	6121	2	3. Chefs and Cooks	6121	3
4. Services Mgt.	1142	1	4. Nurses	3131	1
5. Secretaries & Stenos	4111	1	5. Food & Bev. Serving	6125	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	16	1. Hospitals	861	14
2. Food Services	921	3	2. Non-Instit. Soc.Serv.	864	2
3. Inst. Hlth & Soc Serv.	862	2	3. Instit. Hlth. & Soc. Serv.	862	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. College Diploma/Certificate	2
3. Hospital Based Nursing Program	1

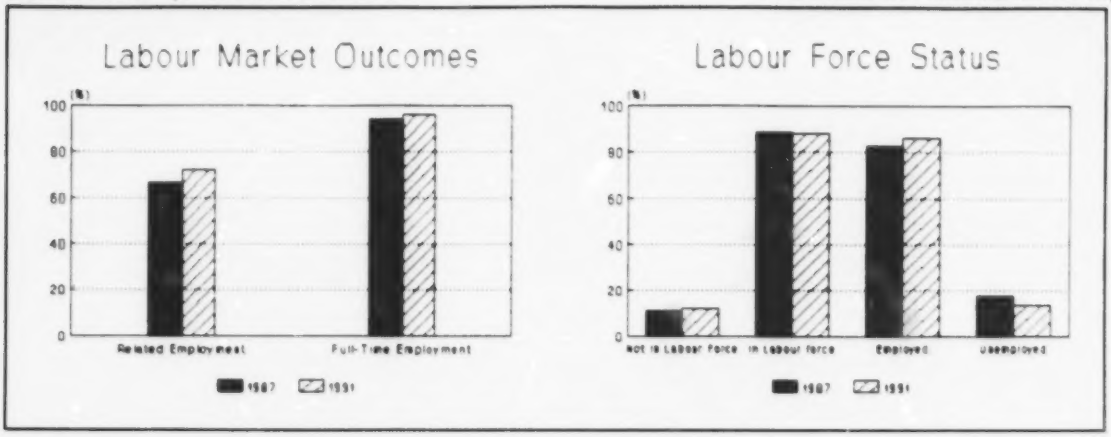
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Biological Sciences/Technologies **CCSIS CODE#**: 44500

TOTAL GRADUATES: **62**
Number of Respondents 1987: **41**
Number of Respondents 1991: **46**

Male: 60.9% **Female**: 39.1%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,416 ($1,565)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 21% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
40 % jobs related to the certification obtained in 1985/86
85 % full-time jobs
65 % permanent jobs
Average (Mean) number of months in Labour Force: **42**
Average (Mean) number of months employed: **40**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Medical Lab. Tech.	3156	5	1. Medical Lab Technician	3156	8
2. Other Farming	7199	3	2. Biologists & Rel.	2133	1
3. Phys. Sciences Tech.	2117	2	3. Dispensing Opticians	3154	1
4. Mgt. Nat. Sci. & Eng.	1131	1	4. Production Management	1143	1
5. Biologists & Rel.	2133	1	5. Draughting	2163	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Economic Serv. Admin	827	7	1. Medical & Oth. Hlth Labs	868	2
2. Hlth. & Soc. Serv. Adm.	869	2	2. Economic Serv. Admin	827	2
3. Scientific & Tech. Ser.	775	2	3. Other Utility Ind. NEC.	499	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Hospital Based Nursing Program	3
2. Technical Institute Diploma/Certificate	2
3. College Diploma/Certificate	1

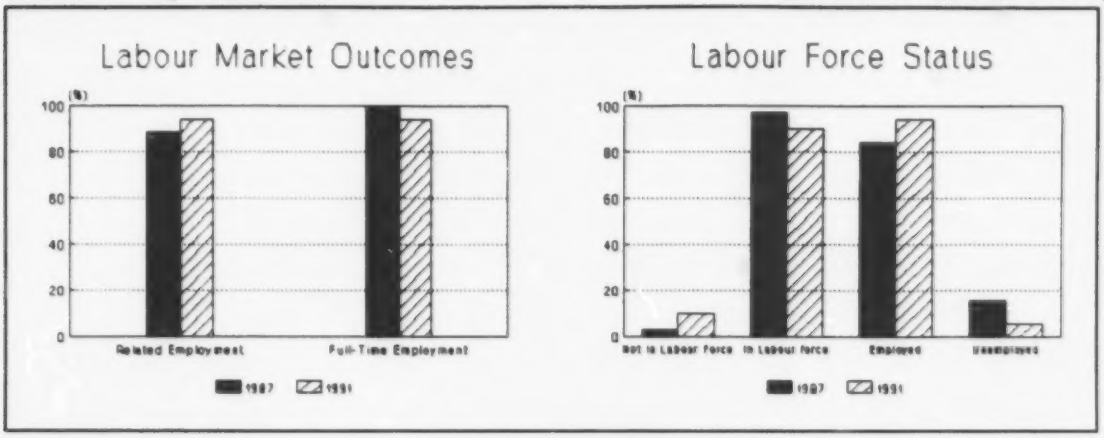
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Chemical Engineering Technologies **CCSIS CODE#:** 51100

TOTAL GRADUATES: **39**
Number of Respondents 1987: **33**
Number of Respondents 1991: **20**

Male: 66.7% **Female:** 33.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,998 ($1,785)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 19% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
30 % jobs related to the certification obtained in 1985/86
92 % full-time jobs
67 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Phys. Sciences Tech.	2117	11	1. Medical Lab Technician	3156	3
2. Life Science Tech.	2135	7	2. Engineering Tech.	2165	3
3. Chemists	2111	1	3. Civil Engineering	2143	2
4. Geologists	2112	1	4. Phys. Sciences Tech.	2117	2
5. Chemical Engineers	2142	1	5. Mechanical Engineer.	2147	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Scientific & Tech. Serv.	775	4	1. Scientific Tech. Serv.	775	3
2. Other Food Products	109	2	2. Refined Petro Prod.	361	2
3. University Education	853	2	3. Dairy Prod.	104	2

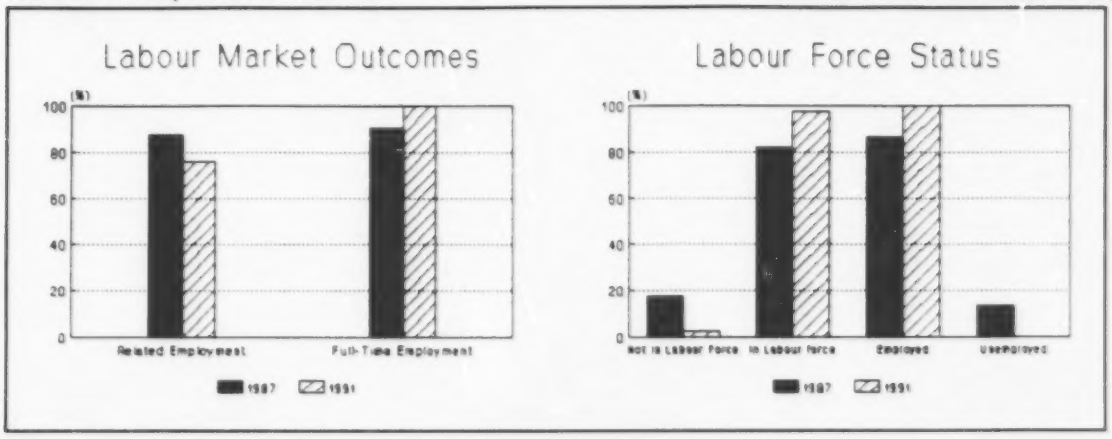
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	1
2. Technical Institute Diploma/Certificate	1
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Electrical/Electronic Engineering Technology **CCSIS CODE#**: 52100

TOTAL GRADUATES: **53** **Male**: 97.8% **Female**: 2.2%
Number of Respondents 1987: **45**
Number of Respondents 1991: **40** **DEGREE OF RELIABILITY**: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,538 ($1,704)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 20% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **44 %** jobs related to the certification obtained in 1985/86
- **96 %** full-time jobs
- **82 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Electronic Instal.	8535	5	1. Engineering Tech.	2165	9
2. Electrical Instal.	8533	4	2. Bus. & Com. Mach. Mech.	8585	6
3. Engineering Tech.	2165	3	3. Elect.Install.Repair	8533	2
4. Bus. & Com. Mach. Mech.	8585	3	4. Radio & T.V. Repairs	8537	1
5. Drafting	2163	2	5. Electrical Engineers	2144	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Equip. Whsle	579	5	1. Commicat.Elect.Equip	335	3
2. Elec. Equip. Whsle.	574	4	2. Plumb.Heat.,A.C.Mech	424	3
3. Plumb. Heat & Air Mech.	424	3	3. Other Equip.Whlse	579	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	6
2. Technical Institute Diploma/Certificate	2
3. College Diploma/Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

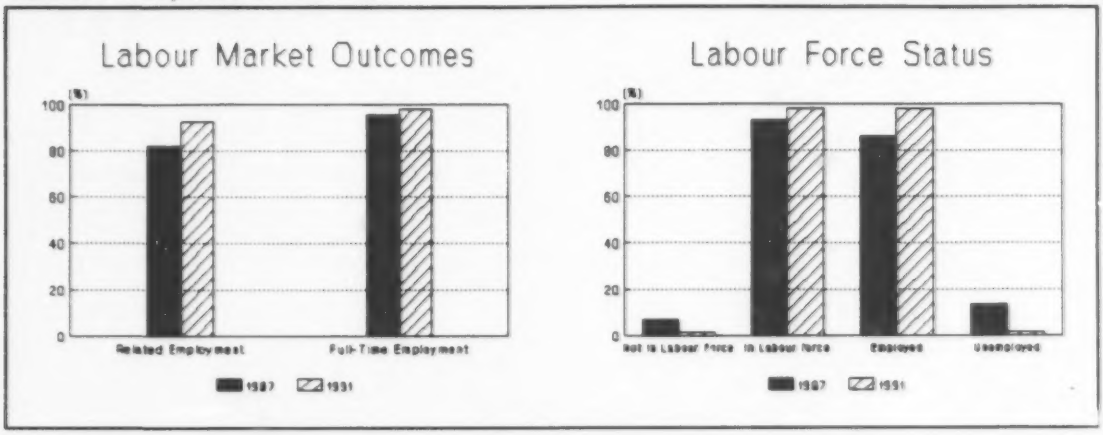
PROGRAM: Electrical

CCSIS CODE#: 52110

TOTAL GRADUATES: **104**
Number of Respondents 1987: **86**
Number of Respondents 1991: **59**

Male: 98.8% **Female:** 1.2%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,108 ($2,204)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **47 %** jobs related to the certification obtained in 1985/86
- **95 %** full-time jobs
- **89 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Engineering Tech.	2165	13	1. Engineering Tech.	2165	19
2. Elect. Equip. Instal.	8533	7	2. Construct. Elec.	8733	5
3. Constr. Electricians	8733	5	3. Electrical Eng.	2144	4
4. Salespersons	5135	4	4. Electr. Install/Rpr NEC	8533	4
5. Electrical Engineer	2144	3	5. Product. Management	1143	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Electrical Power Sys.	491	9	1. Electric Power Syst.	491	11
2. Electrical Work	426	6	2. Architect.Eng.Tech.Serv.	775	5
3. Scientific Tech. Serv.	775	6	3. Electrical Work	426	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	7
2. Vocational Certificate	4
3. College Diploma/Certificate	3

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

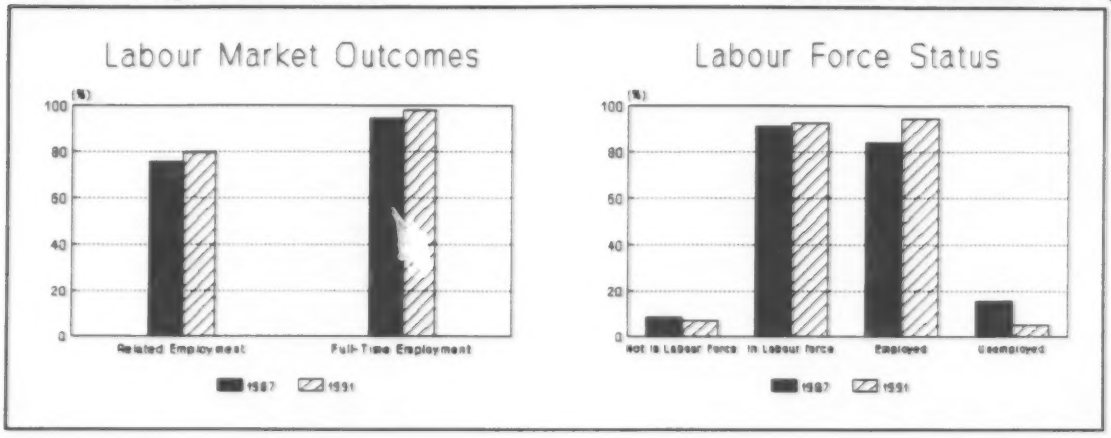
PROGRAM: Electronics

CCSIS CODE#: 52120

TOTAL GRADUATES: **241**
Number of Respondents 1987: **196**
Number of Respondents 1991: **125**

Male: 98.5% **Female:** 1.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,640 ($1,699)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 26% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
41 % jobs related to the certification obtained in 1985/86
95 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **43**
Average (Mean) number of months employed: **41**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Elect. Equip.Install	8535	29	1. Engineering Technician	2165	41
2. Engineering Tech.	2165	22	2. Bus. & Com. Mach. Mech	8585	6
3. Radio & T.V. Repair	8537	8	3. Systems Analyst	2183	6
4. Commercial Travellers	5133	7	4. Electrical Engineers	2144	5
5. Systems Analysts	2183	5	5. Precision Instrum. Mech.	8588	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Elec. Equip. Whsle.	574	21	1. Other Machinery Equip.	579	11
2. Other Equp. Whsle.	579	16	2. Computer Related Serv.	772	11
3. Appl. T.V. Radio Stores	622	14	3. Telecommun.Carriers	482	7

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	18
2. Bachelor Degree	6
3. Vocational Certificate	3

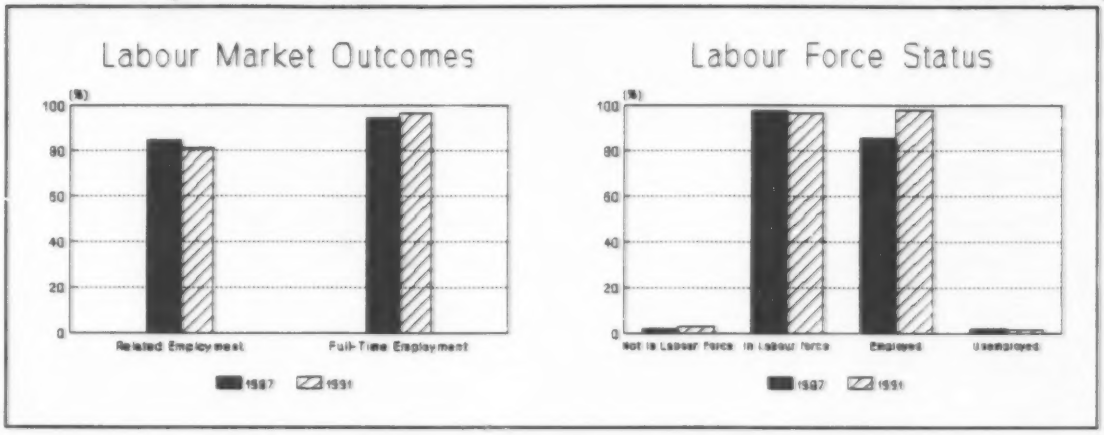
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Telecommunications/Electronics **CCSIS CODE#**: 52540

TOTAL GRADUATES: **107**
Number of Respondents 1987: **87**
Number of Respondents 1991: **65**

Male: 97.7% **Female**: 2.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,864 ($1,908)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
33 % jobs related to the certification obtained in 1985/86
96 % full-time jobs
90 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Elec. Eqt. Install/Repair	8535	10	1. Electrical Eng.	2144	11
2. Commun.Equip. Install	8735	9	2. Engineering Technician	2165	12
3. Engineering Tech.	2165	7	3. Business/Commerc.Mach	8585	5
4. Electrical Eng.	2144	4	4. Systems Analyst	2183	5
5. Systems Analysts	2183	4	5. Wire Comm.Equip.Install	8735	4

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Elec. Equip. Whsle	574	8	1. Telecommunic.Carriers	482	10
2. Broadcasting	481	7	2. Computer Related Serv.	772	6
3. Computer Serv.	772	7	3. Elect. Power Sys.	491	4

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	4
2. College Diploma/Certificate	3
3. Vocational Certificate	2

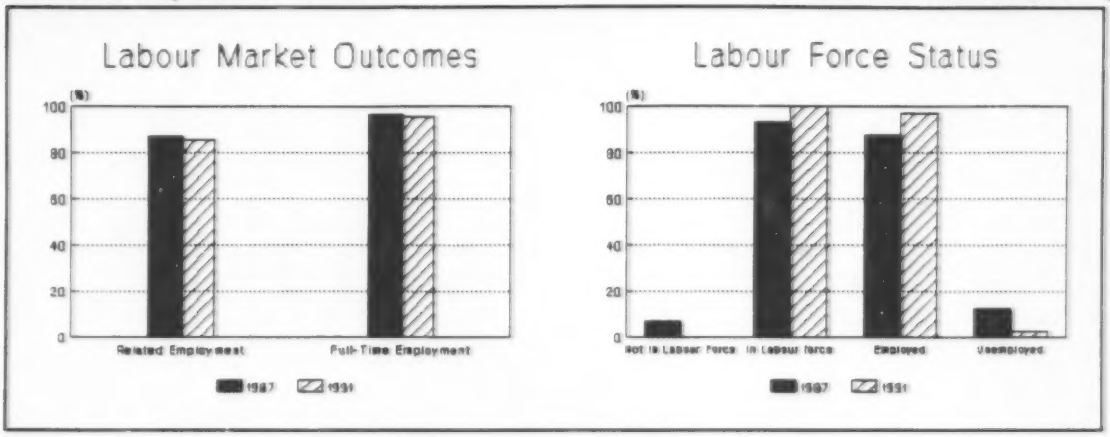
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Computer Science/System Design & Analysis **CCSIS CODE#:** 53220

TOTAL GRADUATES: **216**
Number of Respondents 1987: **173**
Number of Respondents 1991: **115**

Male: 60.1% **Female:** 39.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,050 ($1,854)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 8% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
70 % jobs related to the certification obtained in 1985/86
96 % full-time jobs
79 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Systems Analysts	2183	94	1. Systems Analyst	2183	81
2. Elect. Data Proc. Eqt.	4143	8	2. Elect.Data Proc. Eqt.	4143	4
3. Bookkeepers & Acct.	4131	4	3. Sales Adv. Management	1137	1
4. Salespersons	5135	3	4. Management/Admin. NEC	1149	1
5. Univ. Teacher & Rel.	2719	2	5. Accountants,Audit. Oth.Fin.Officers.	1171	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Computer Science	772	17	1. Computer Science	772	17
2. Scientific Tech. Service	775	7	2. Hospitals	861	6
3. Post-Sec. Non-Univ. Ed.	852	7	3. General Admin. Serv.	835	6

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	4
2. Bachelor Degree	2
3. Vocational Certificate	1

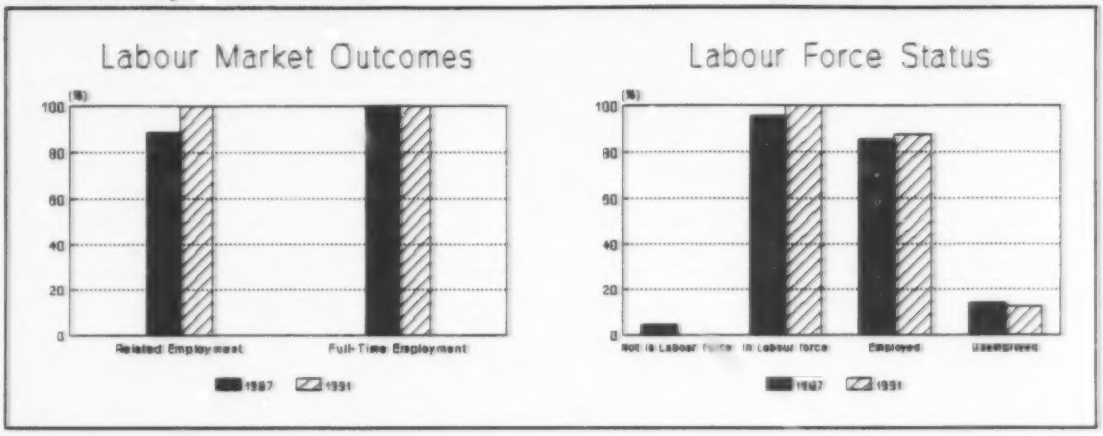
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Aviation & Flight Technologies **CCSIS CODE#:** 54110

TOTAL GRADUATES: **28**
Number of Respondents 1987: **22**
Number of Respondents 1991: **16**

Male: 100.0% **Female:** 0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,476 ($1,759)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 19% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
54 % jobs related to the certification obtained in 1985/86
97 % full-time jobs
87 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Air Pilots & Navigators	9111	8	1. Air Pilots & Navigators	9111	8
2. Aircraft Mech. & Repair	8582	4	2. Aircraft Mech. & Repair	8582	4
3. Electrical Engineers	2144	2	3. Engineering Tech.	2165	1
4. Elec. Equip.Inst. Repair	8535	1	4. N/A	N/A	N/A
5. Foreman-Air Tran. Op.	9110	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Air Transport	451	14	1. Air Transport	451	9
2. Postal & Courier Serv.	484	1	2. Serv. Indust to Air Trans	452	3
3. Econ. Serv. Admin	817	1	3. Econ. Serv. Admin	817	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	2
2. N/A	N/A
3. N/A	N/A

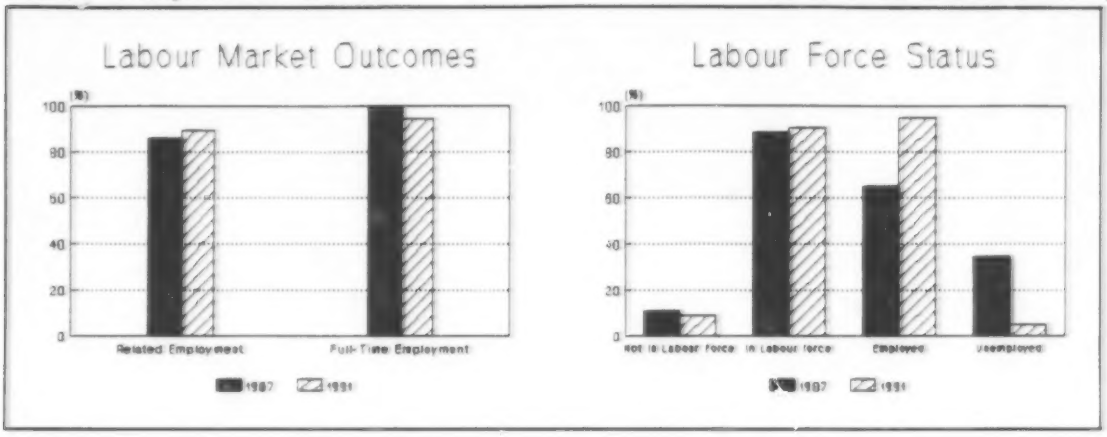
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Civil Technologies **CCSIS CODE#:** 55110

TOTAL GRADUATES: **109**
Number of Respondents 1987: **81**
Number of Respondents 1991: **44**

Male: 91.4% **Female:** 8.6%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,645 ($2,023)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 23% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **38 %** jobs related to the certification obtained in 1985/86
- **97 %** full-time jobs
- **83 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Engineering Tech.	2165	7	1. Civil Engineers	2143	10
2. Civil Engineers	2143	5	2. Engineering Tech.	2165	7
3. Construction Mgt.	1145	3	3. Construction Mgt.	1145	3
4. Labouring: Constr.	8798	3	4. Drafting	2163	3
5. Mgt. Admin. & Rel.	1179	2	5. Life Science Tech.	2135	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Sci. & Tech. Serv.	775	9	1. Sci. & Tech. Serv.	775	9
2. Non Resid. Bldg. & Dev.	402	9	2. Hwy.Heavy Construct.	412	4
3. Economic Serv. Admin.	827	3	3. General Admin. Services	835	3

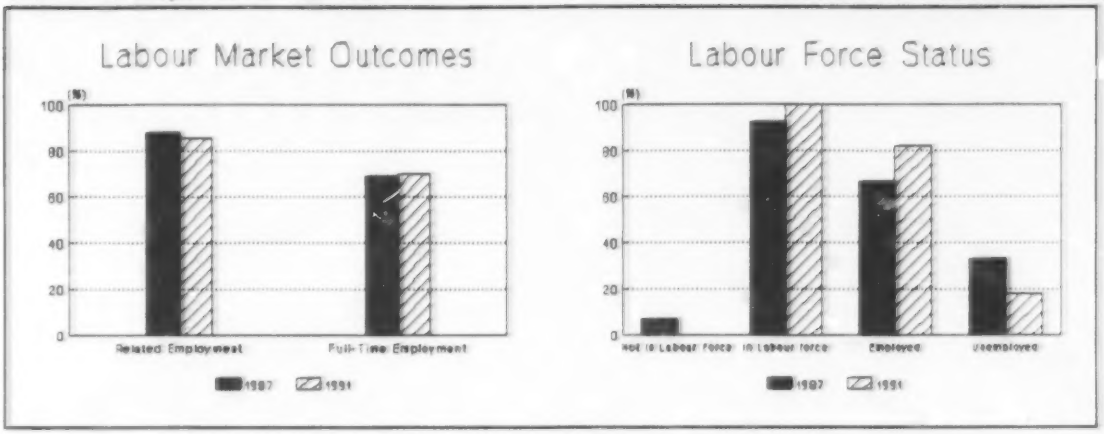
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	4
2. College Diploma/Certificate	2
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Road Construction **CCSIS CODE#**: 55111

TOTAL GRADUATES: **63** **Male:** 70.7% **Female:** 29.3%
Number of Respondents 1987: **42**
Number of Respondents 1991: **28** **DEGREE OF RELIABILITY**: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,320 ($2,572)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
48 % jobs related to the certification obtained in 1985/86
81 % full-time jobs
59 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **39**
Average (Mean) number of months unemployed: **7**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Bus Drivers	9171	10	1. Bus Drivers	9171	7
2. Wire Comm. Inst. & Repair	8735	3	2. Truck Drivers	9175	3
3. Truck Drivers	9175	2	3. Elect.Power Wire Lighting	8739	2
4. Other Teach. & Rel NEC	2799	1	4. Excavator Grader & Rel.	8711	2
5. Cashiers & Tellers	4133	1	5. Construc.Mach.Mech.&Repr	8584	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Public Transit Systems	457	11	1. Public Passenger Transit	457	7
2. Telecomm. Carriers	482	3	2. Hwy Heavy Construct.	412	3
3. Crude Petro & Nat. Gas.	071	1	3. Truck Tranport Indust.	456	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Vocational Certificate	1
3. Technical Institute Diploma/Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

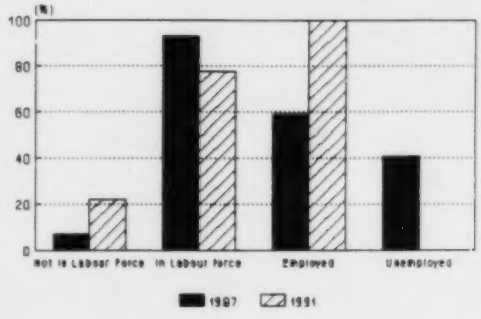
PROGRAM: Surveying

CCSIS CODE#: 55120

TOTAL GRADUATES: **47**
Number of Respondents 1987: **29**
Number of Respondents 1991: **18**

Male: 79.3% **Female:** 20.7%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,227 ($1,862)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
79 % jobs related to the certification obtained in 1985/86
86 % full-time jobs
87 % permanent jobs
Average (Mean) number of months in Labour Force: **37**
Average (Mean) number of months employed: **36**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Surveyors	2161	4	1. Surveyors	2161	8
2. Drafting	2163	2	2. Drafting	2163	1
3. Arch. & Engineering NEC	2169	2	3. Systems Analyst	2183	1
4. Engineering Tech.	2165	1	4. N/A	N/A	N/A
5. Musicians & Singers	3332	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Scientific & Tech. Serv.	775	9	1. Arch.Eng.Sci.Tech.Serv.	775	5
2. Publishing	283	1	2. Economic Serv. Admin.	827	2
3. Econ. Serv. Am. (Prov.)	827	1	3. Hwy & Heavy Construct.	412	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	1
2. N/A	N/A
3. N/A	N/A

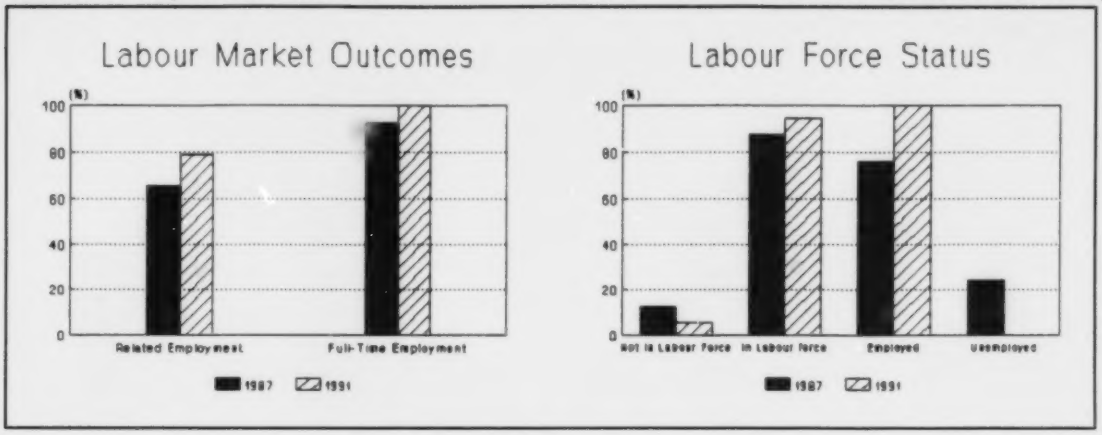
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Engineering Design and Drafting **CCSIS CODE#**: 55131

TOTAL GRADUATES: **133**
Number of Respondents 1987: **106**
Number of Respondents 1991: **74**

Male: 82.1% **Female**: 17.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,700 ($1,716)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 19% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
47 % jobs related to the certification obtained in 1985/86
98 % full-time jobs
90 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Drafting	2163	37	1. Drafting	2163	34
2. Engineering Tech.	2165	2	2. Engineering Tech.	2165	9
3. Salespersons	5135	2	3. Civil Engineer	2143	2
4. Mechanical Engineers	2147	1	4. Commercial Traveller	5133	1
5. Superv. Arct. & Eng.	2160	1	5. Sales Clerks	5135	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Scientific & Tech. Serv.	775	16	1. Scientific Tech. Serv.	775	13
2. Crude Petro & Nat. Gas.	71	2	2. Crude Petro & Nat.Gas	71	5
3. Architec. Metal Prod.	303	2	3. Industrial Construct.	411	4

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	5
2. Vocational Certificate	3
3. College Diploma/Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

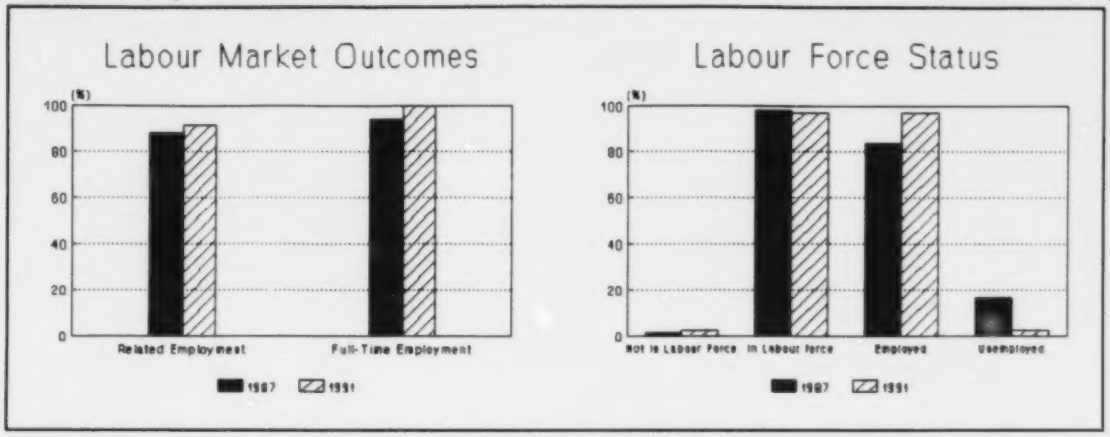
PROGRAM: Instrumentation

CCSIS CODE#: 55140

TOTAL GRADUATES: **74**
Number of Respondents 1987: **62**
Number of Respondents 1991: **39**

Male: 96.8% **Female:** 3.2%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,650 ($2,486)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 47% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
45 % jobs related to the certification obtained in 1985/86
98 % full-time jobs
71 % permanent jobs
Average (Mean) number of months in Labour Force: **48**
Average (Mean) number of months employed: **47**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Prec.Instru. Mech.	8588	8	1. Prec. Instru. Mech.	8588	12
2. Industrial Engineer	2145	5	2. Engineering Tech.	2165	5
3. Electrical Engineer	2144	3	3. Bus.Commerc.Mach.Mec.	8585	3
4. Drafting	2163	3	4. Systems Analyst	2133	2
5. Salespersons	5135	3	5. Commercial Travellers	5133	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Scientific Tech. Serv	775	5	1. Crude Petro.Nat.Gas	71	7
2. Crude Petro & Nat. Gas.	071	5	2. Science Tech. Serv.	775	6
3. Mechanical Specialty	425	4	3. Hospitals	861	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	11
2. Technical Institute Diploma/Certificate	5
3. College Diploma/Certificate	1

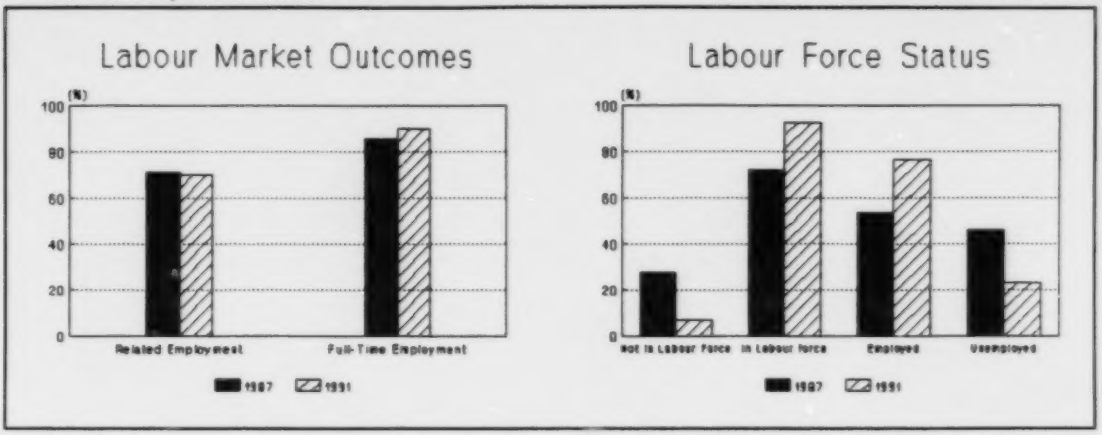
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Engineering Technologies NEC **CCSIS CODE#**: 55180

TOTAL GRADUATES: 23
Number of Respondents 1987: **18**
Number of Respondents 1991: **14**

Male: 88.9% **Female**: 11.1%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,514 ($1,893)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 39% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **21 %** jobs related to the certification obtained in 1985/86
- **96 %** full-time jobs
- **78 %** permanent jobs

Average (Mean) number of months in Labour Force: **39**
- Average (Mean) number of months employed: **31**
- Average (Mean) number of months unemployed: **8**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Construction	1145	1	1. Engineering Tech.	2165	3
2. Geologists	2112	1	2. Systems Analyst	2183	1
3. Phys. Sci. Tech.	2117	1	3. Phys. Sci. Teacher	2117	1
4. Engineering Tech.	2165	1	4. Medical Lab Technician	3156	1
5. College & Vocat. Tech.	2791	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Crude Petro & Nat. Gas	71	1	1. Science Tech. Serv.	775	2
2. Glass Products	356	1	2. Crude Petro.& Nat.Gas	71	2
3. Computer Serv.	772	1	3. Computer & Related Serv.	772	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Certificate/Diploma	2
2. Bachelor Degree	2
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

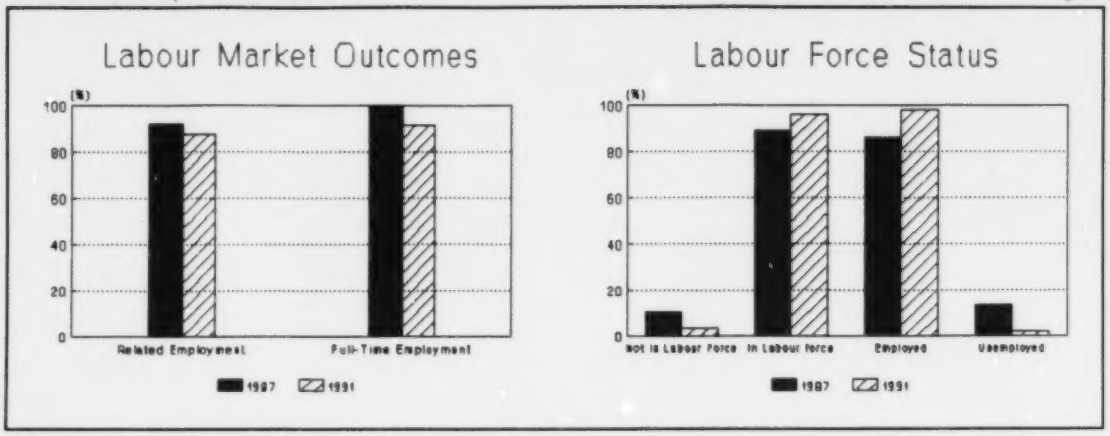
PROGRAM: Agricultural Equipment

CCSIS CODE#: 55210

TOTAL GRADUATES: **69**
Number of Respondents 1987: **66**
Number of Respondents 1991: **57**

Male: 95.5% **Female**: 4.5%

DEGREE OF RELIABILITY: Very High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,155 ($1,610)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 23% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
39 % jobs related to the certification obtained in 1985/86
92 % full-time jobs
84 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Crop Farm Workers	7185	8	1. Farmers	7119	14
2. Motor Veh. Mechanics	8581	6	2. Crop Farmers	7115	6
3. Livestock Farm Wkrs.	7183	5	3. Truck Drivers	9175	5
4. Ind. Farm Mach. Mech.	8584	5	4. Motor Veh. Mechanics	8581	5
5. Livestock Farmers	7113	4	5. Ind. Farm Mach. Mech.	8584	4

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Combination Farms	17	14	1. Combination Farms	17	12
2. Farm Machinery Whsle.	571	14	2. Truck Transport Industry	456	3
3. Crop Farms	14	4	3. Crop Farms	14	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	4
2. College Diploma/Certificate	4
3. Vocational Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

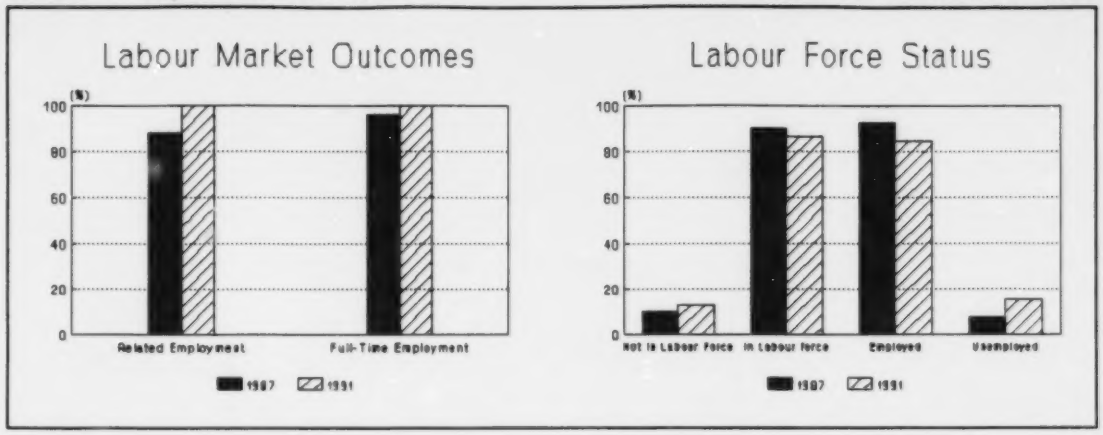
PROGRAM: Aircraft Engineering

CCSIS CODE#: 55220

TOTAL GRADUATES: **39**
Number of Respondents 1987: **30**
Number of Respondents 1991: **15**

Male: 96.7% **Female:** 3.3%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,901 ($2,008)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 43% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
58 % jobs related to the certification obtained in 1985/86
100 % full-time jobs
94 % permanent jobs
Average (Mean) number of months in Labour Force: **48**
Average (Mean) number of months employed: **47**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Aircraft Mechanics	8582	17	1. Aircraft Mechanics	8582	8
2. Government Inspectors	1116	1	2. Government Inspectors	1116	1
3. Aerospace Engineers	2155	1	3. Sheet Metal Workers	8333	1
4. Systems Analysts	2183	1	4. Station.Engine Util.Equip	9539	1
5. Sheet Metal Workers	8333	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Air Transport	451	13	1. Air Transport Serv.Ind.	452	5
2. Air Transport Serv. Ind.	452	4	2. Air Transport	451	4
3. Aircrafts and Parts	321	2	3. Economic Serv.Admin.	837	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	1
2. Technical Institute Diploma/Certficate	1
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

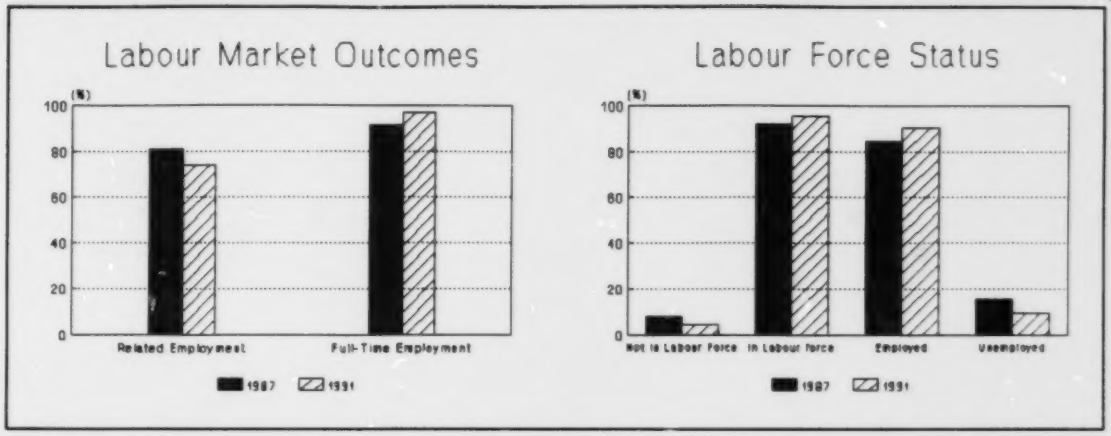
PROGRAM: Auto Mechanics

CCSIS CODE#: 55231

TOTAL GRADUATES: **85**
Number of Respondents 1987: **63**
Number of Respondents 1991: **45**

Male: 96.8% **Female:** 3.2%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,540 ($1,386)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 42% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
35 % jobs related to the certification obtained in 1985/86
100 % full-time jobs
89 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Motor Veh. Mech.	8581	29	1. Motor Veh. Mech.	8581	13
2. Salespersons	5135	2	2. Salespersons	5135	2
3. Cashiers & Tellers	4133	1	3. Crop Farmers	7115	2
4. Labourers	6198	1	4. Foreman Prod.Fabricat.	8590	1
5. Crop Farm Workers	7185	1	5. Other Mech. & Repair NEC.	8589	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Motor Veh. Rpr. Shops	635	15	1. Automotive Dealer	631	10
2. Automotive Dealers	631	14	2. Motor Veh. Rpr. Shops	635	5
3. Service Stations	633	3	3. Field Crop Farms	13	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	8
2. Vocational Certificate	5
3. College Diploma/Certificate	2

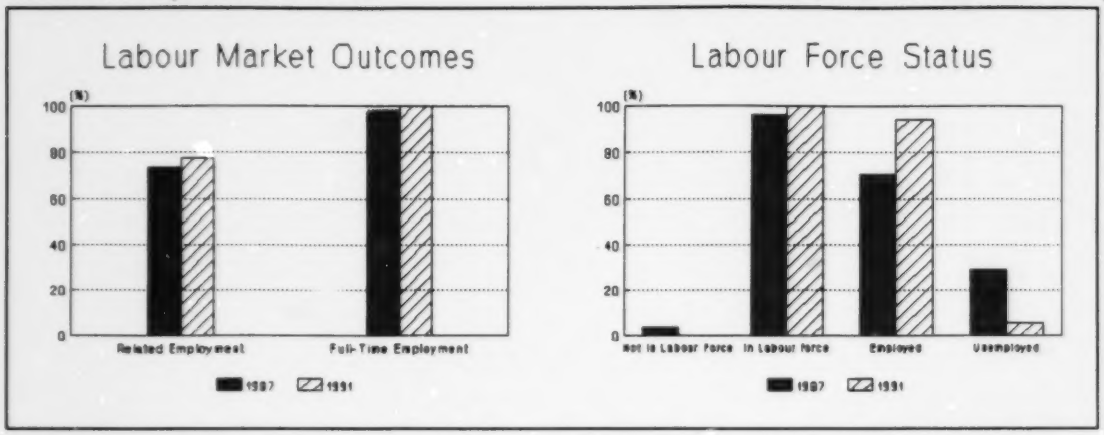
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Heavy Equipment Mechanics **CCSIS CODE#**: 55250

TOTAL GRADUATES: **108**
Number of Respondents 1987: **78**
Number of Respondents 1991: **42**

Male: 98.7% **Female**: 1.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,833 ($1,682)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 38% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
37 % jobs related to the certification obtained in 1985/86
97 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Motor Veh. Mech.	8581	19	1. Ind.Farm Mach.Mech	8584	11
2. Ind. Farm Mach. Mech.	8584	5	2. Motor Veh.Mech.Rpr.	8581	3
3. Oth. Mech & Rpr.NEC	8589	2	3. Truck Driver	9175	2
4. Truck Driver	9175	2	4. Crop Farmers	7115	2
5. Mechanical Engineers	2147	1	5. Watch & Clock Repairs	8587	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Ind. Mach. Equip. Whsle	573	4	1. Motor Veh. Whsle	551	4
2. Machine Shop	308	3	2. Field Crop Farms	13	3
3. Motor Veh. Whsle.	551	3	3. Automotive Dealer	631	4

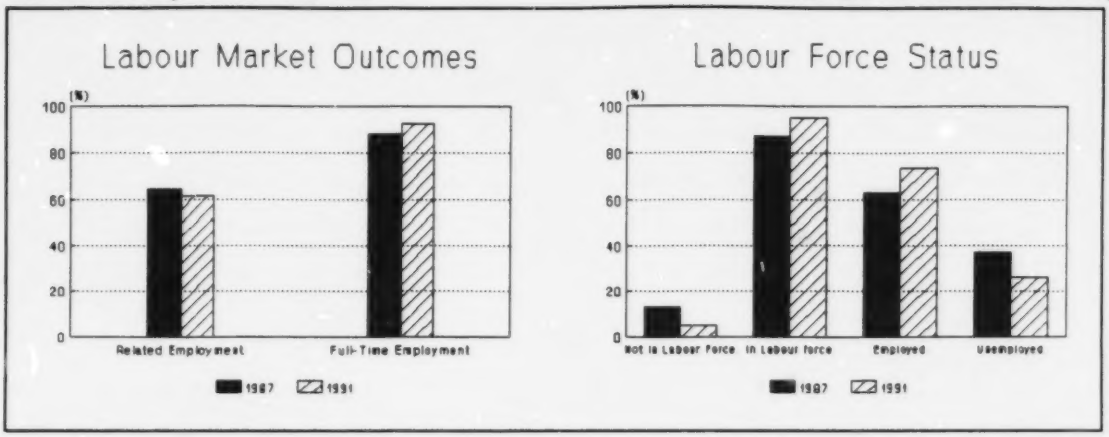
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	7
2. Technical Institute Diploma/Certificate	6
3. College Diploma/Certificate	3

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Small Engine Mechanics **CCSIS CODE#**: 55260

TOTAL GRADUATES: **40** **Male:** 96.8% **Female:** 3.2%
Number of Respondents 1987: **31**
Number of Respondents 1991: **20** **DEGREE OF RELIABILITY:** High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,576 ($1,318)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 16% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
36 % jobs related to the certification obtained in 1985/86
97 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **42**
Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Motor Veh. Mech.	8581	7	1. Motor Veh. Mech.	8581	2
2. Security Guards	6115	1	2. Ind.Farm Const.Mach.Mech	8584	2
3. Livestock Farm W/krs.	7183	1	3. Crop Farmers	7115	1
4. Other Mechanic NEC	8589	1	4. Univers.Teach & Rel NEC	2719	1
5. Truck Drivers	9175	1	5. Truck Drivers	9175	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Rec. Vehicle Dealers	632	3	1. Rec. Vehicle Dealers	632	2
2. Recreation Clubs & Serv.	965	2	2. Food Stores	601	1
3. Combination Farms	17	1	3. Lumber Build.Mat.Whlse	563	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	3
2. College Diploma/Certificate	1
3. N/A	N/A

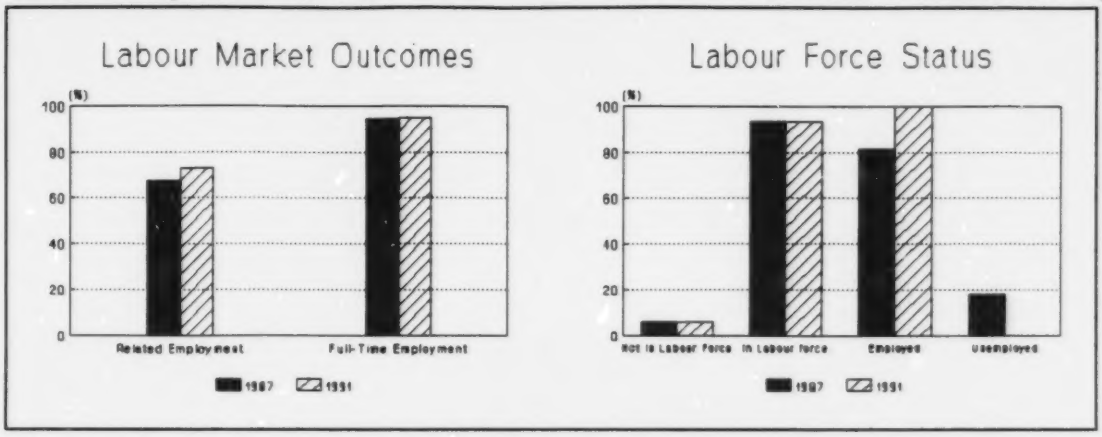
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Mechanical Engineering Technology **CCSIS CODE#**:55270

TOTAL GRADUATES: **126**
Number of Respondents 1987: **100**
Number of Respondents 1991: **66**

Male: 98.0 % **Female**: 2.0 %

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,774 ($1,950)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **57 %** jobs related to the certification obtained in 1985/86
- **97 %** full-time jobs
- **86 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **45**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Motor Veh.Mech.	8581	1	1. Ind. Farm. Mach. Mech.	8584	11
2. Power Station Oper.	9531	6	2. Power Station Oper.	9531	5
3. Ind. Farm. Mach. Mech.	8584	3	3. Mechanical Eng.	2147	5
4. Electrical Engineers	2144	2	4. Motor Veh. Mech.	8581	4
5. Mechanical Engineers	2147	2	5. Chem.Petro Process.NEC	8179	3

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Crude Petro & Nat.Gas	71	5	1. Crude Petro & Nat. Gas	71	8
2. Elec. Power Systems	491	4	2. Ind. Mach. Equip Whlse	573	3
3. Auto Dealers	631	3	3. Motor Veh. Rpr. Shops	635	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	9
2. Bachelor Degree	2
3. College Diploma/Certificate	2

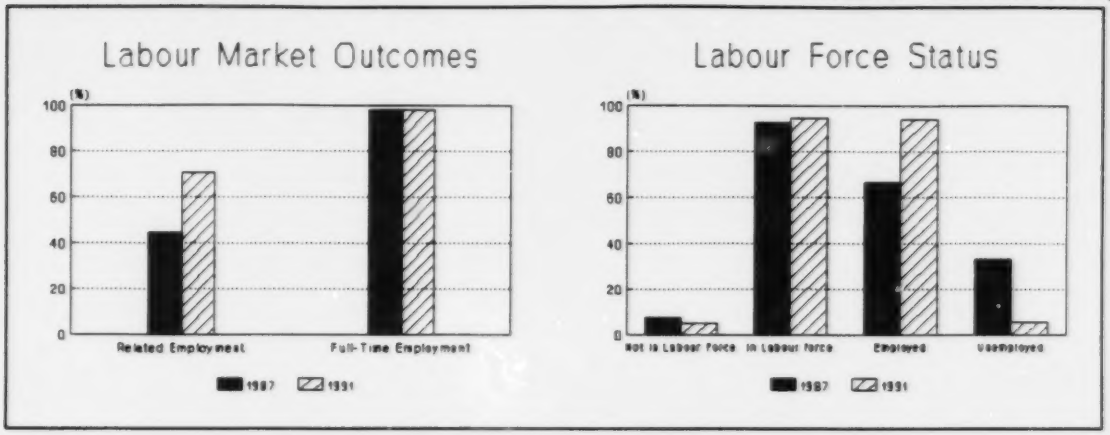
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Plant Operator & Related **CCSIS CODE#**:55272

TOTAL GRADUATES: **122**
Number of Respondents 1987: **94**
Number of Respondents 1991: **60**

Male: 84.0 % **Female**: 16.0 %

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,801 ($1,955)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 24% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **40 %** jobs related to the certification obtained in 1985/86
- **97 %** full-time jobs
- **75 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **41**
- Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Stationary Eng. & Util	9539	5	1. Electrical Engineer	2144	4
2. Distilling Chem. & Rel.	8165	4	2. Chem. Petro Process.NEC	8179	4
3. Civil Engineers	2143	2	3. Stationary Eng. & Util.	9539	2
4. Industrial Engineers	2145	2	4. Power Station Operators	9531	2
5. Salespersons	5135	2	5. Pipefitting,Plumbing & Rel.	8791	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Crude Petro & Nat.Gas	71	5	1. Crude Petro Nat. Gas	71	10
2. Elec. Equip Whsle.	574	2	2. Meat & Poultry Products	101	4
3. Meat & Poultry Products	1011	1	3. Industrial Construction	411	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	6
2. Vocational Certificate	5
3. Technical Institute Diploma/Certificate	4

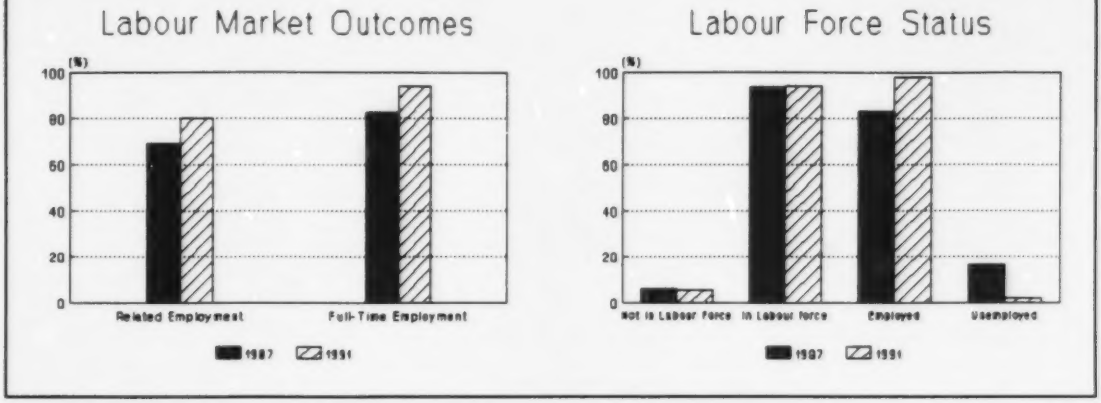
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Architectural Design/Drafting Technology **CCSIS CODE#**:55310

TOTAL GRADUATES: **126**
Number of Respondents 1987: **96**
Number of Respondents 1991: **57**

Male: 59.4 % **Female**: 40.6 %

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,278 ($1,458)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **48 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **85 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **43**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Drafting	2163	27	1. Drafting	2163	25
2. Prod. & Interior Design	3313	5	2. Prod. & Interior Design	3313	3
3. Architectural Tech.	2164	3	3. Engineering Tech.	2165	2
4. General Managers	1130	1	4. Architects	2141	2
5. Salespersons	5135	2	5. Manager & Admin.NEC.	1149	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Scientific & Tech. Serv.	775	22	1. Scientific Tech. Service	775	13
2. Resid. Bldg. & Dev.	401	4	2. Resid. Bldg. & Dev.	401	4
3. Non-Resid. Bldg. & Dev.	402	2	3. Site Work	421	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	6
2. Bachelor Degree	2
3. Vocational Certificate	2

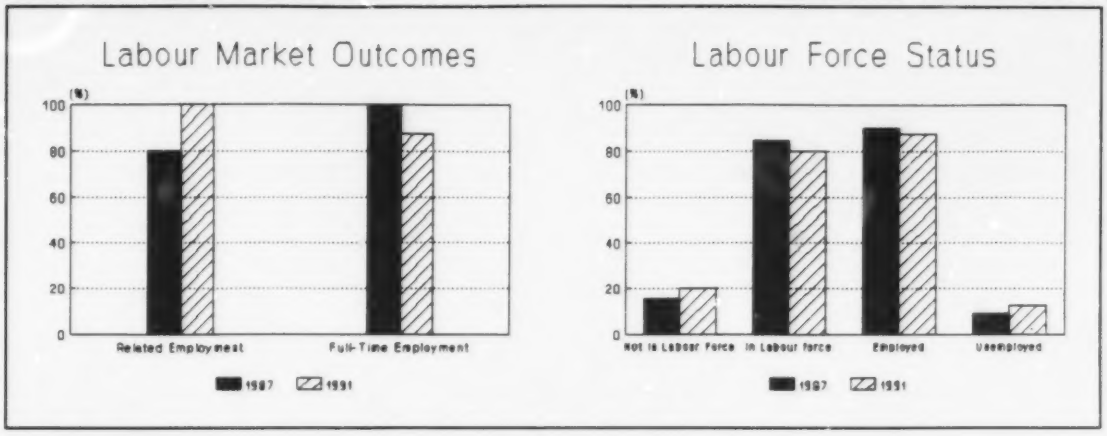
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Industrial Engineering Technologies **CCSIS CODE#**:55560

TOTAL GRADUATES: **16**
Number of Respondents 1987: **13**
Number of Respondents 1991: **11**

Male: 94.6 % **Female**: 15.4%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,022 ($1,737)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 0% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
86 % jobs related to the certification obtained in 1985/86
95 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **43**
Average (Mean) number of months employed: **42**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Production Clerk	4151	3	1. Service Management	1142	1
2. Industrial Engineer	2145	2	2. Production Management	1143	1
3. Systems Analysts	2183	1	3. Industrial Engineer	2145	1
4. Stock Clerks & Rel.	4155	1	4. Drafting	2163	1
5. Salespersons	5135	1	5. Engineering Tech.	2165	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Foam & Plastic Prod.	161	1	1. Other Clothing/Apparel Ind.	249	1
2. Sash,Door & Oth.Mill.	254	1	2. Sash, Door & Oth. Mill.	254	1
3. Business Machines	336	1	3. Fabric. Struct. Met. Prod.	302	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. N/A	N/A
2. N/A	N/A
3. N/A	N/A

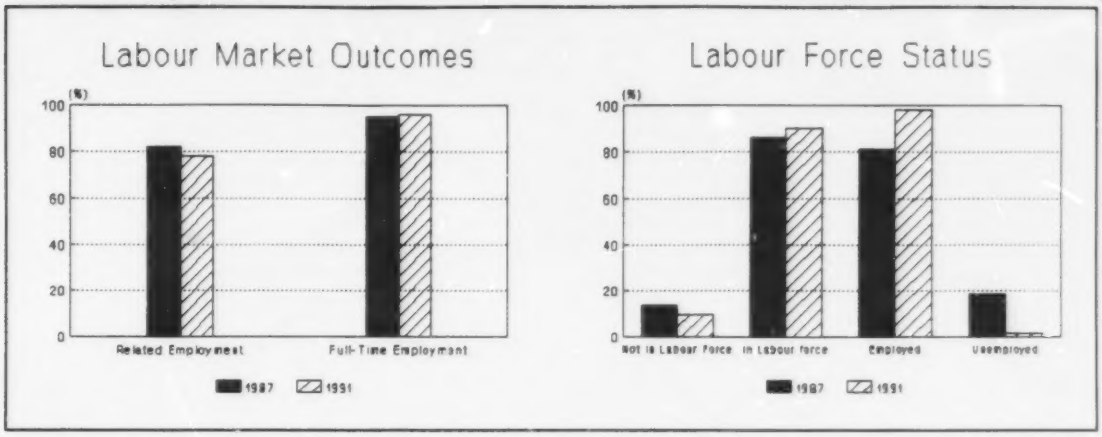
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Agricultural Technology/Science/Engineering **CCSIS CODE#**:61200

TOTAL GRADUATES: **100**
Number of Respondents 1987: **87**
Number of Respondents 1991: **64**

Male: 85.1 % **Female**: 14.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,394 ($1,779)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 13.1% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
71 % jobs related to the certification obtained in 1985/86
96 % full-time jobs
77 % permanent jobs
Average (Mean) number of months in Labour Force: **46**
Average (Mean) number of months employed: **45**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Crop Farm Workers	7185	7	1. Farmers NEC.	7119	6
2. Livestock Farm Workers	7183	6	2. Livestock Farmers	7113	7
3. Life Sciences Tech.	2135	5	3. Accountants/Auditors	1171	4
4. Crop Farmers	7115	4	4. Foreman Farming	7180	3
5. Other Farming	7199	4	5. Other Farming	7199	3

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Combination Farms	17	6	1. Livestock Farms	11	11
2. Crop Farms	14	5	2. Combination Farms	17	7
3. Banks	702	5	3. Econ.Service Admin.(Prov)	827	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	5
2. Bachelor Degreee	2
3. Vocational Certificate	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

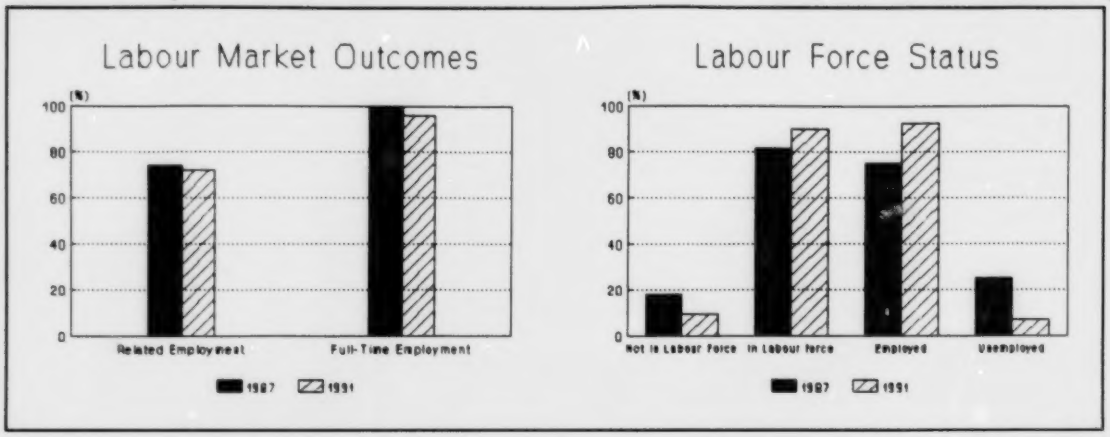
PROGRAM: Crops & Horticulture

CCSIS CODE#: 61520

TOTAL GRADUATES: **63**
Number of Respondents 1987: **44**
Number of Respondents 1991: **32**

Male: 50.0% **Female**: 50.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,249 ($1,313)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 30% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **65 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **64 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Prod. & Int. Designers	3313	6	1. Prod. & Int. Designers	3313	3
2. Crop Farm Workers	7185	3	2. Supervisor: Sales	5130	2
3. Supervisors: Sales	5130	2	3. Nursery & Rel. Workers	7195	2
4. Nursery & Rel. Workers	7195	2	4. Crop Farmers	7115	1
5. Farm Management	1146	1	5. Farming NEC.	7119	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Florist, Lawn & Garden	652	8	1. Florists, Lawn & Garden	652	5
2. Horticult. Specialists	16	3	2. Horticult. Specialists	16	1
3. Livestock Services	21	1	3. Combination Farms	17	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	5
2. Technical Institute Diploma/Certificate	2
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

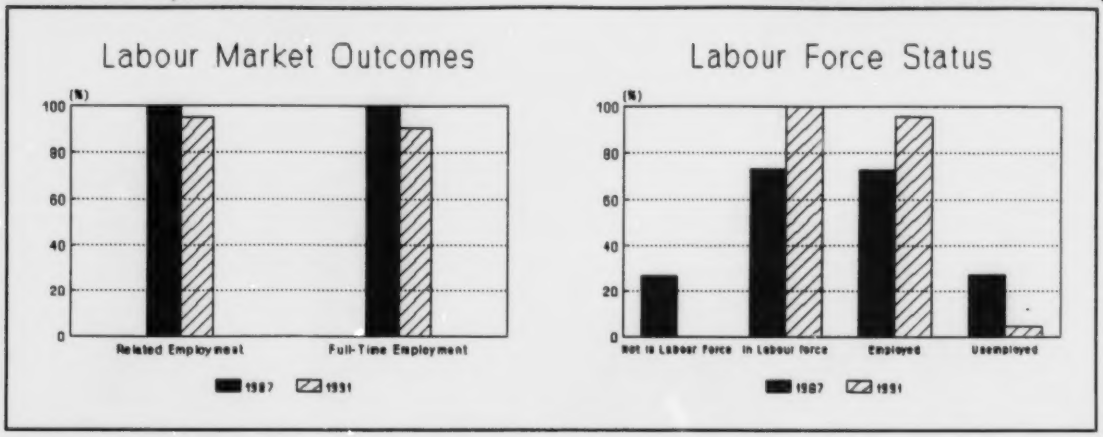
PROGRAM: Landscaping

CCSIS CODE#: 61530

TOTAL GRADUATES: **39**
Number of Respondents 1987: **30**
Number of Respondents 1991: **22**

Male: 80.0% **Female:** 20.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,723 ($1,979)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 14% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
61 % jobs related to the certification obtained in 1985/86
92 % full-time jobs
71 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nursery & Rel. Workers	7195	10	1. Attendants Sports & Rec.	3375	7
2. Foremen: Farming	7180	2	2. Nursery & Rel. Workers	7195	4
3. General Managers	1130	1	3. Other Farming NEC.	7199	1
4. Oth. Mgrs. & Admin. NEC	1149	1	4. Civil Engineer	2143	1
5. Agriculturists & Rel.	2131	1	5. Service Management	1142	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Sport & Rec. Clubs	965	13	1. Sport & Rec. Clubs	965	10
2. Constr. - Site Work	421	1	2. Constr.-Site Work	421	3
3. Human Resources Admin.	836	1	3. Human Resources Admin.	836	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Vocational Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

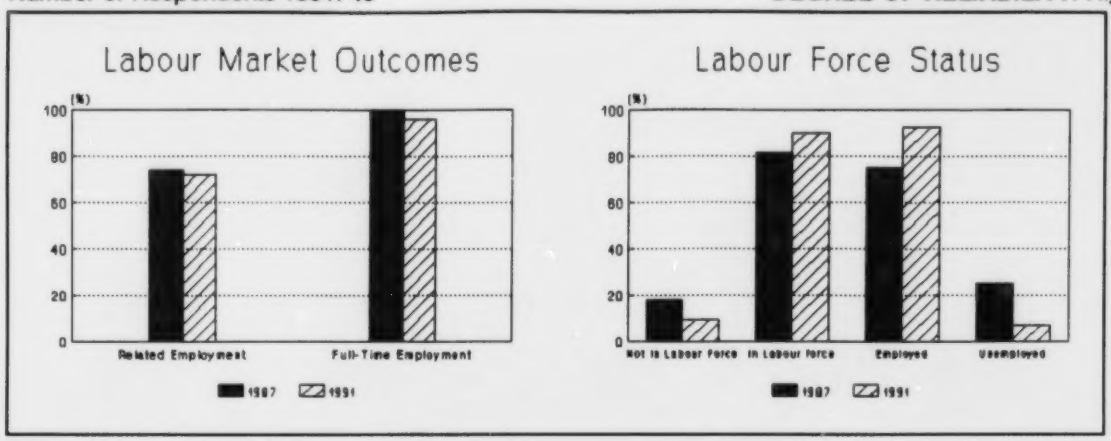
PROGRAM: Animal Sciences

CCSIS CODE#: 61600

TOTAL GRADUATES: **87**
Number of Respondents 1987: **72**
Number of Respondents 1991: **49**

Male: 4.2% **Female:** 95.8%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,249 ($1,313)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 30% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **49 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **64 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Medicine & Hlth NEC	3169	39	1. Medicine & Hlth NEC	3169	14
2. Livestock Farm Work.	7183	7	2. Medical Lab Tech.	3156	2
3. Other Mgnt & Admin.NEC	1149	1	3. Livestock Farm Work.	7183	1
4. Univ. Teach. & Rel.NEC	2719	1	4. Other Mgnt. & Admin.NEC	1149	1
5. Medical Lab Tech.	3156	1	5. Other Farming NEC.	7119	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Animal Services	21	41	1. Animal Services	21	15
2. Animal Farms	11	5	2. Econ.Serv.Admin.Prov.	827	3
3. Oth.Specialty Farms	12	3	3. University Education	853	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	5
2. Technical Institute Diploma/Certificate	2
3. Bachelor Degree	1

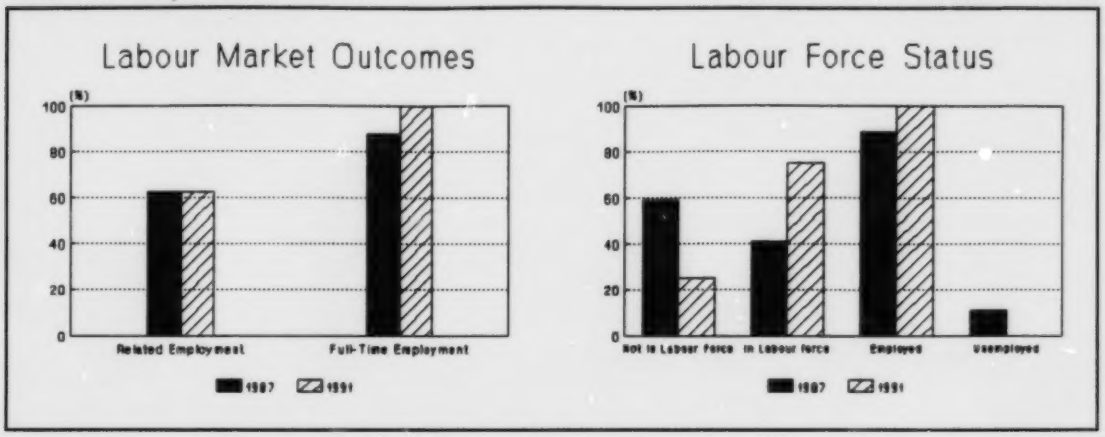
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Equine Studies/Horse Husbandry **CCSIS CODE#:** 61660

TOTAL GRADUATES: 27
Number of Respondents 1987: **22**
Number of Respondents 1991: **12**

Male: 9.1% **Female:** 90.9%

DEGREE OF RELIABILITY: Caution



CURRENT EARNINGS (in 1991 Constant Dollars): $2,206 ($880.00)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 30% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **4**
- **62 %** jobs related to the certification obtained in 1985/86
- **88 %** full-time jobs
- **57 %** permanent jobs

Average (Mean) number of months in Labour Force: **42**
- Average (Mean) number of months employed: **40**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Other Farming	7199	3	1. Services Mgmt.Occup.	1142	1
2. Life Sciences Tech.	7135	1	2. Secretary	4111	1
3. Livestock Farm Wkrs.	7183	1	3. Coaches,Trainers,Inst.Sport	3370	1
4. N/A	N/A	N/A	4. Livestock Farms	7113	1
5. N/A	N/A	N/A	5. Other Farming	7199	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Specialty Farms	12	3	1. Other Amusemt & Rec.	969	2
2. Recreation & Vac. Camps	914	1	2. Commerc.Spectator Sports	964	1
3. Other Agricultural Serv.	23	1	3. Motion Picture Distrib.	961	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Vocational Certificate	1
3. N/A	N/A

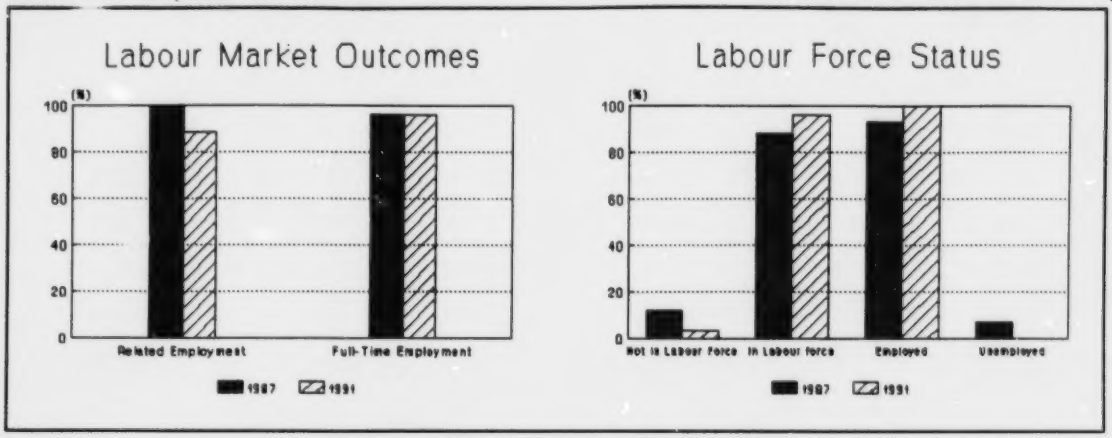
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Agricultural Technologies NEC. **CCSIS CODE#:** 61700

TOTAL GRADUATES: 42
Number of Respondents 1987: **33**
Number of Respondents 1991: **28**

Male: 72.7% **Female:** 27.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,033 ($1,397)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 15% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **59 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **73 %** permanent jobs

Average (Mean) number of months in Labour Force: **48**
- Average (Mean) number of months employed: **47**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Livestock Farm Wkrs.	7183	8	1. Farmer NEC.	7119	7
2. Crop Farm Workers	7185	5	2. Livestock Farms	7113	5
3. Other Farming	7199	3	3. Crop Farmers	7115	3
4. Farm Management	1146	2	4. Farm Management	1146	2
5. Life Sciences Tech.	2135	1	5. Other Farming	7199	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Combination Farms	17	6	1. Combination Farms	17	9
2. Livestock Farms	11	4	2. Livestock Farms	11	7
3. Oth. Speciality Farms	12	4	3. Field Crop Farms	13	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Vocational Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

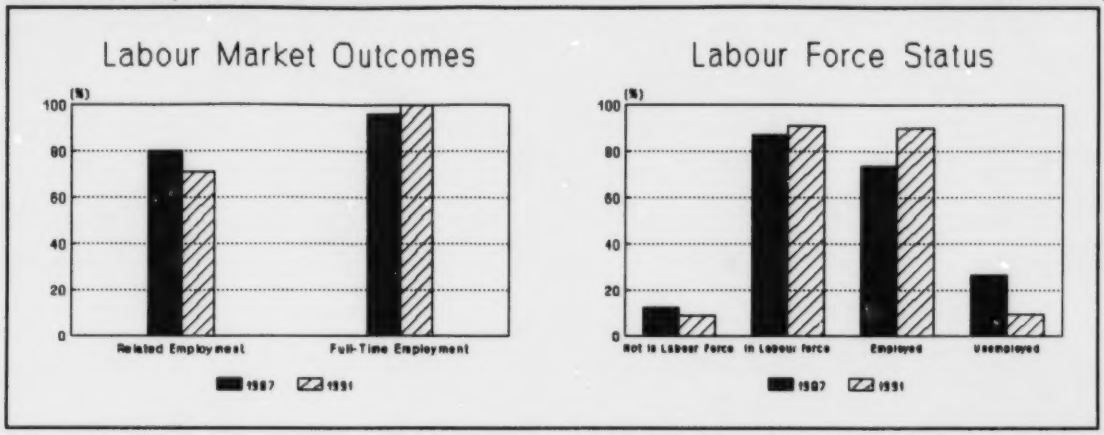
PROGRAM: Forestry Technologies

CCSIS CODE#: 63100

TOTAL GRADUATES: **50**
Number of Respondents 1987: **39**
Number of Respondents 1991: **34**

Male: 79.5% **Female:** 20.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,417 ($1,885)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 15% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **66 %** jobs related to the certification obtained in 1985/86
- **98 %** full-time jobs
- **49 %** permanent jobs

Average (Mean) number of months in Labour Force: **40**
- Average (Mean) number of months employed: **39**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Life Sciences Tech.	2135	5	1. Life Sciences NEC	2139	12
2. Life Sciences NEC.	2139	4	2. Fire Fighting	6111	3
3. Log Inspecting	7516	3	3. Other Arch./Eng	2169	2
4. Agriculturists & Rel.	2131	1	4. Production Management	1143	1
5. Drafting	2163	1	5. Foremen:Forestry&Logging	7510	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Econ. Serv. Adm. (Prov.)	827	14	1. Foresty Services	51	9
2. Logging	41	4	2. Econ.Serv. Adm.(Prov.)	827	5
3. Forestry Services	51	2	3. Veneer & Plywood	252	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	3
2. Bachelor Degree	1
3. College Diploma/Certificate	1

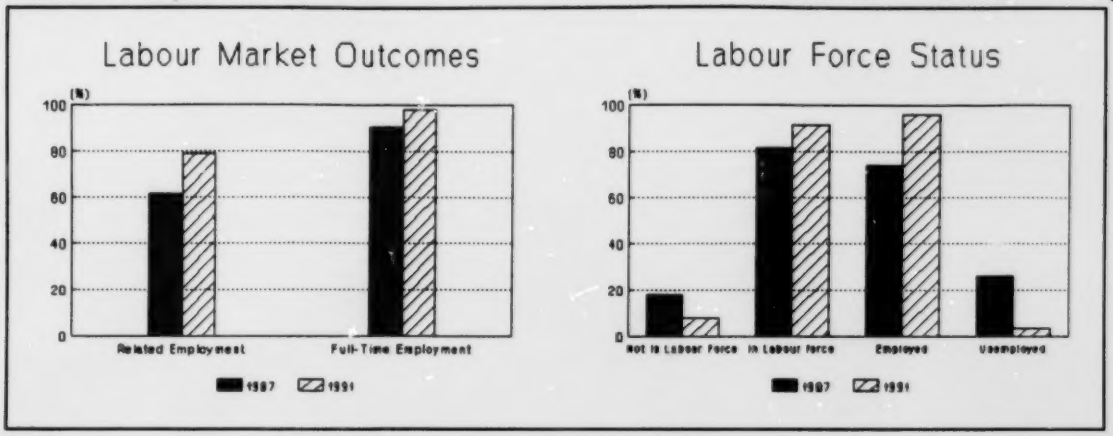
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Petroleum Resources Technology **CCSIS CODE#**: 63500

TOTAL GRADUATES: **130**
Number of Respondents 1987: **104**
Number of Respondents 1991: **60**

Male: 84.3% **Female**: 15.7%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,017 ($2,072)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 28% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **73 %** jobs related to the certification obtained in 1985/86
- **98 %** full-time jobs
- **82 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **41**
- Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Petroleum Eng.	2154	6	1. Phys.Science Tech.	2117	7
2. Phys. Science Tech.	2117	5	2. Engineering Tech.	2165	6
3. Engineering Tech.	2165	4	3. Petroleum Eng.	2154	4
4. Bookkeepers & Acctg.	4131	4	4. Industrial Eng.	2145	2
5. Rotary Well Drilling	7711	3	5. Distil,Sublime,Carbonize	8165	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Crude Petro & Nat. Gas	71	14	1. Crude Petro Natural Gas	71	23
2. Scientific & Tech. Serv.	775	10	2. Scientific & Tech. Serv.	775	8
3. Economic Serv. Admin.	827	3	3. Oth.Mach.Equip.Whsle	579	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	7
2. Technical Institute Diploma/Certificate	5
3. College Diploma/Certificate	3

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

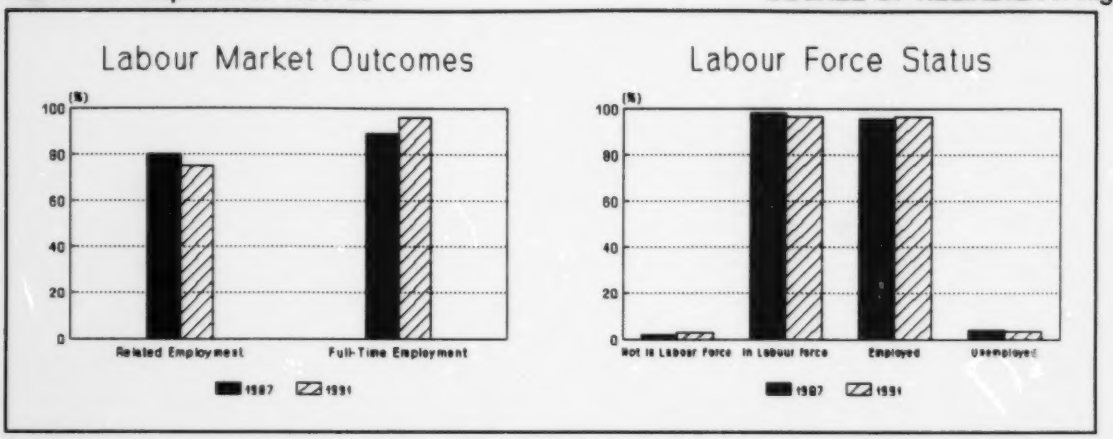
PROGRAM: Meat Processing

CCSIS CODE#: 65420

TOTAL GRADUATES: **61**
Number of Respondents 1987: **49**
Number of Respondents 1991: **30**

Male: 98.0% **Female:** 2.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,448 ($1,689)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
67 % jobs related to the certification obtained in 1985/86
100 % full-time jobs
93 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **46**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Meatcutting	8215	30	1. Meatcutting	8215	16
2. Sales & Advert. Mgt.	1137	2	2. Sales & Advert Mgt.	1137	1
3. Services Management	1142	1	3. Production Management	1143	1
4. Salespersons	5135	1	4. Supervisors:Sales Occup.	5130	1
5. Buyers	5191	1	5. Commercial Travellors	5133	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Food Stores	601	26	1. Food Stores	601	16
2. Meat & Poultry Prod.	101	5	2. Meat & Poultry Prod.	101	1
3. General Merch. Stores	641	2	3. General Merch. Stores	641	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	1
2. Technical Institute Diploma/Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Environmental Control/ Protection Technologies

CCSIS CODE#: 67100

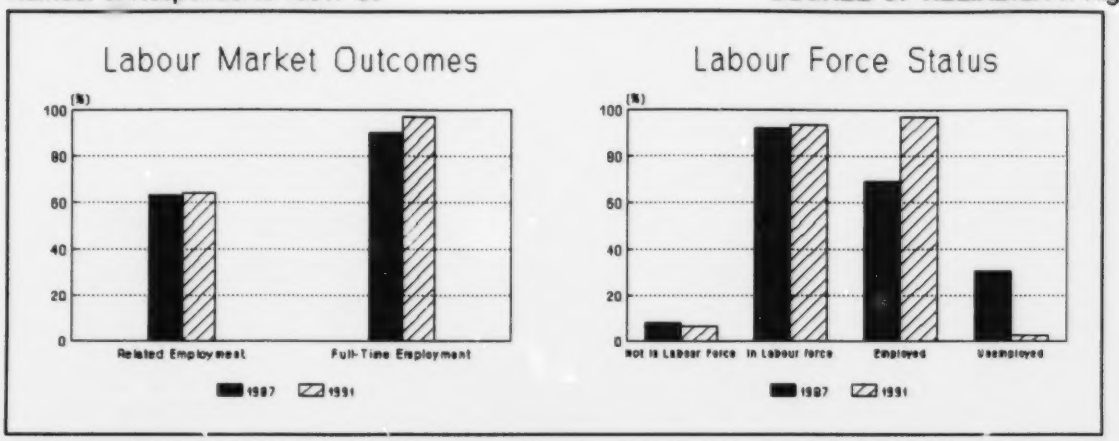
TOTAL GRADUATES: **158**

Male: 88.1% **Female:** 11.9%

Number of Respondents 1987: **127**

Number of Respondents 1991: **81**

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,716 ($1,890)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**

56 % jobs related to the certification obtained in 1985/86

98 % full-time jobs

56 % permanent jobs

Average (Mean) number of months in Labour Force: **42**

Average (Mean) number of months employed: **39**

Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Protective Services	6119	8	1. Police Officers/Detect.	6112	5
2. Life Sciences Tech.	2135	6	2. Physical Sci. Tech.	2117	4
3. Physical Sci. Tech.	2117	5	3. Life Sciences NEC.	2139	4
4. Engineering Tech.	2165	4	4. Civil Engineer	2143	3
5. Biologists & Rel. Sci.	2133	3	5. Engineering Tech.	2165	3

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Econ. Serv. Admin.	827	18	1. Crude Petro & Nat. Gas	71	9
2. Scientific & Tech. Serv.	775	8	2. Econ. Serv. Admin.	827	6
3. Econ. Serv. Admin.	817	5	3. Protective Serv.	832	5

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	11
2. Bachelor Degree	5
3. College Diploma/Certificate	4

***Earnings reported in 1987 represented starting salary**

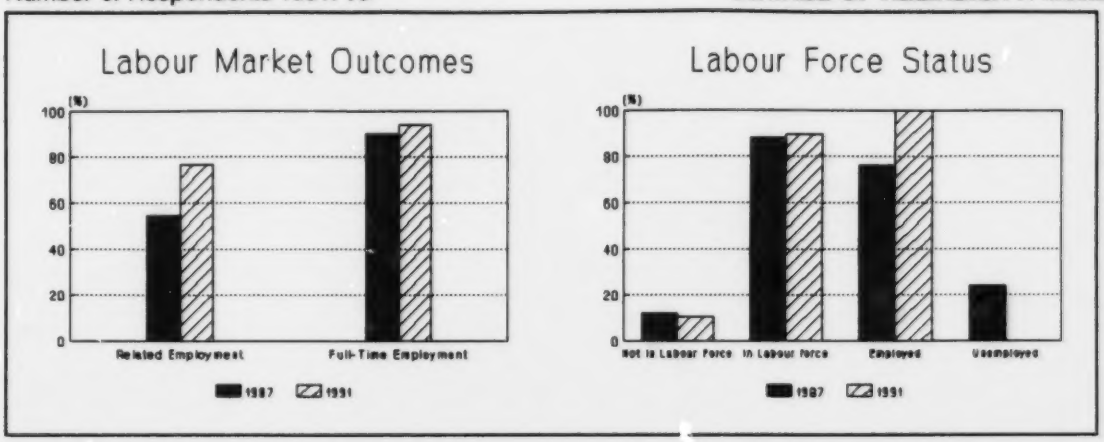
( ) Denotes 1987 values

PROGRAM: Land Resources Technologies **CCSIS CODE#:** 67200

TOTAL GRADUATES: **39**
Number of Respondents 1987: **33**
Number of Respondents 1991: **19**

Male: 62.5% **Female:** 37.5%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $3,260 ($2,443)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 22% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **73 %** jobs related to the certification obtained in 1985/86
- **86 %** full-time jobs
- **71 %** permanent jobs

Average (Mean) number of months in Labour Force: **47**
- Average (Mean) number of months employed: **46**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Real Estate Sales	5172	4	1. Mgt. & Admin.	1149	7
2. Mgt. & Admin.	1149	3	2. Real Estate Sales	5172	2
3. Mgt. Occ.-Const. Op.	1145	1	3. Foremen:Mat.Handling&Rel.	9310	1
4. Financial Officer	1171	1	4. Surveyor	2161	1
5. Agri. & Rel. Scientists	2131	1	5. Agri. & Rel. Scientists	2131	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Crude Petro & Nat. Gas.	71	6	1. Crude Petro & Nat. Gas.	71	8
2. Combination Farms	17	1	2. Combination Farms	17	1
3. Construction Serv.	449	1	3. Construction Serv.	449	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	4
2. N/A	N/A
3. N/A	N/A

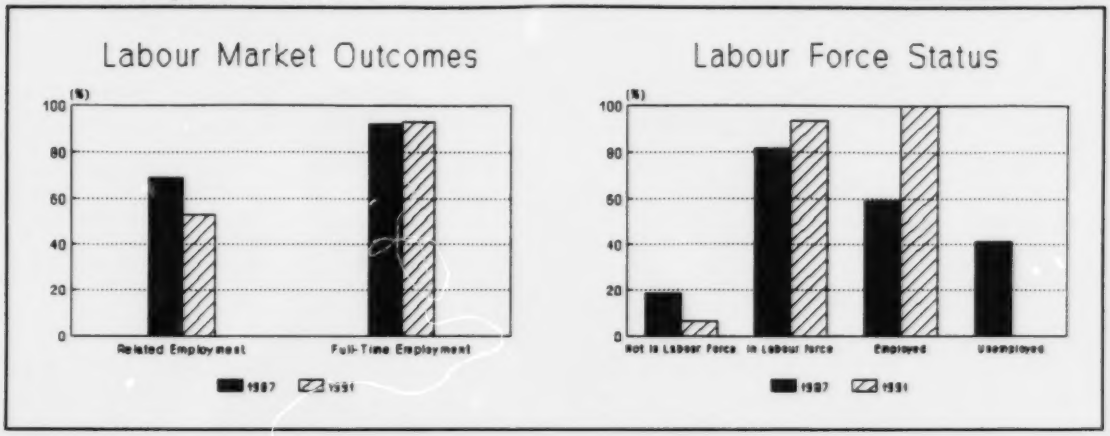
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Wildlife & Forest Conservation Technology **CCSIS CODE#**: 67300

TOTAL GRADUATES: **28**
Number of Respondents 1987: **27**
Number of Respondents 1991: **16**

Male: 77.8% **Female:** 22.2%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,490 ($940)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 31% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
66 % jobs related to the certification obtained in 1985/86
93 % full-time jobs
41 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **40**
Average (Mean) number of months unemployed: **5**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Phys. Sciences Tech.	2117	2	1. Occup.in Life Scien.NEC	2139	1
2. Chemists	2111	1	2. Phys. Science Tech	2117	1
3. Agric. & Rel. Scientist	2131	1	3. Protective Services	6119	1
4. Biologists & Rel. Sci.	2133	1	4. Crop Farmers	7115	1
5. Life Sciences Tech.	2135	1	5. Inspect.&Reg.Officers(Gov)	1116	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Econ. Serv. Admin	827	6	1. Foresty Services Industry	51	2
2. Scientific & Tech. Serv.	775	2	2. Industr.Chemical Ind.NEC	371	1
3. Fishing Services	32	1	3. Field Crop Farmers	13	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Hospital Based Nursing Program	3
2. College Diploma/Certificate	1
3. Technical Institute Diploma/Certificate	1

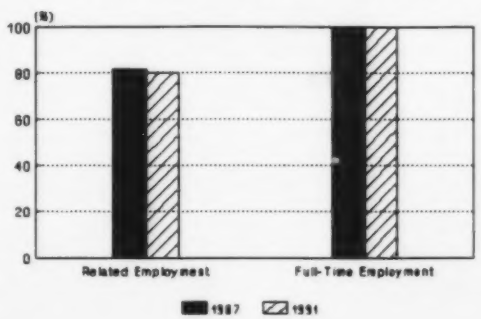
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

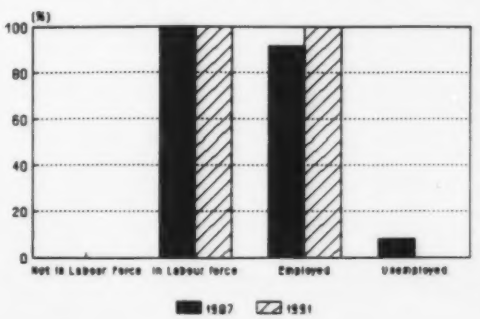
PROGRAM: Water Science Technologies **CCSIS CODE#:** 67400

TOTAL GRADUATES: 17
Number of Respondents 1987: 12
Number of Respondents 1991: 5

Male: 100% **Female:** 00.0%

DEGREE OF RELIABILITY: Caution





CURRENT EARNINGS (in 1991 Constant Dollars): $2,950 ($1,757)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 25% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **1**
38 % jobs related to the certification obtained in 1985/86
100 % full-time jobs
75 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **4**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Phys. Sciences Tech.	2117	3	1. Phys. Sciences Tech.	2117	3
2. College & Voc. Teach.	2791	2	2. College & Voc.Teach.	2791	1
3. Pipefit. Plumb. & Rel.	8791	2	3. N/A	N/A	N/A
4. Mgt. Occ. Constr. Op	1145	1	4. N/A	N/A	N/A
5. Stn. Eng. & Util. Op.	9539	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Water Systems	493	3	1. Water Systems	493	2
2. Other Utility NEC	499	2	2. Arch.Eng/Sci Tech Serv.	775	1
3. General Admin.	835	2	3. Post Second./Non Univ.Ed.	862	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

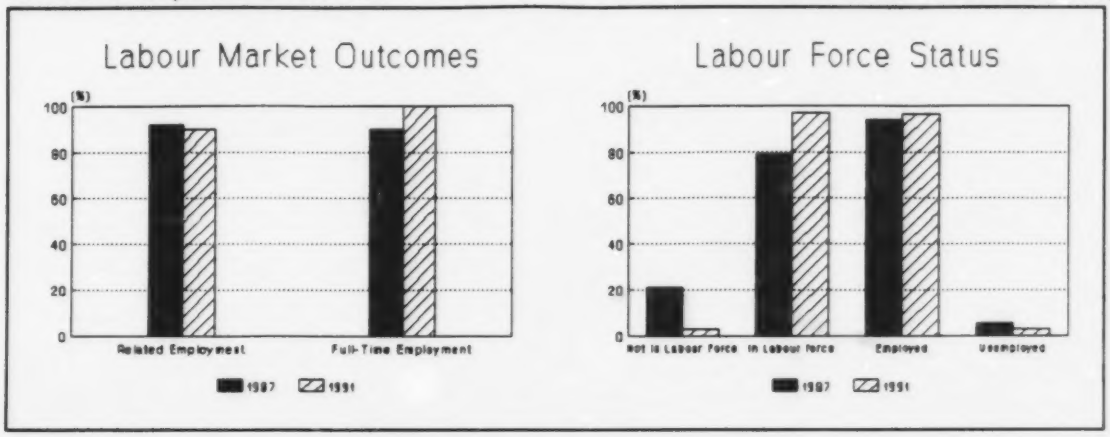
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Correctional Technologies **CCSIS CODE#**: 71100

TOTAL GRADUATES: 100
Number of Respondents 1987: **67**
Number of Respondents 1991: **35**

Male: 65.7% **Female**: 34.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $3,072 ($1,989)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **64 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **94 %** permanent jobs

Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **47**
Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Guards & Security	6115	35	1. Guards & Sec.	6115	11
2. Social Worker	2331	7	2. Social Worker	2331	5
3. Personnel Officer	1174	2	3. Social Worker&Rel.NEC.	2333	4
4. Childcare Worker	6147	2	4. Management Social Sci.	1132	2
5. N/A	N/A	N/A	5. Gen.Manag.& Oth.Sr.Offic.	1130	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Protective Serv. (Prov.)	822	33	1. Protective Serv.(Prov.)	822	11
2. Protective Serv. (Local)	832	8	2. Protective Serv.(Fed.)	812	9
3. Inst. Hlth. & Soc. Serv.	862	2	3. Protective Serv.(Local.)	832	4

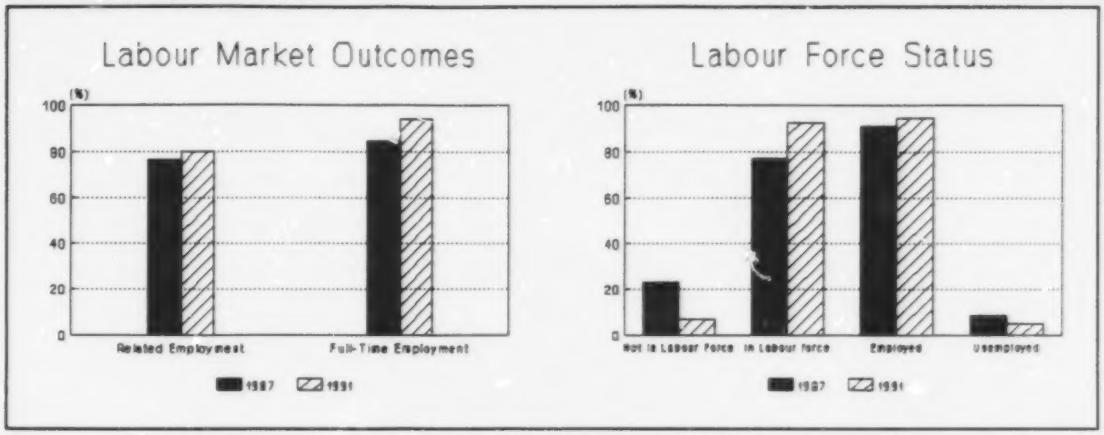
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Vocational Certificate	2
2. College Diploma/Certificate	1
3. Bachelor Degree	1

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Police Technology/Criminology **CCSIS CODE#**: 71300

TOTAL GRADUATES: **96** **Male:** 71.6% **Female:** 28.4%
Number of Respondents 1987: **74**
Number of Respondents 1991: **44** **DEGREE OF RELIABILITY:** High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,648 ($1,830)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 28% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
59 % jobs related to the certification obtained in 1985/86
86 % full-time jobs
78 % permanent jobs
Average (Mean) number of months in Labour Force: **44**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Guards & Security	6115	35	1. Police Detectives	6112	17
2. Police Detectives	6112	5	2. Guards & Security	6115	5
3. Insp. Reg. Off. (Govt.)	1116	2	3. Accounting	1171	1
4. Pers. & Ind. Rel. Mgt.	1136	1	4. Civil Engineering	2143	1
5. Mgt. & Admin. NEC.	1179	1	5. Social Workers	2331	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Oper. Bldg. & Dwelling	751	10	1. Protective Serv.(Local)	832	10
2. Other Bus. Serv.	779	7	2. Protective Serv.(Fed.)	812	9
3. General Merch. Stores	641	4	3. Other Bus.Serv.	779	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	6
2. College Diploma/Certificate	3
3. Technical Institute Diploma/Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

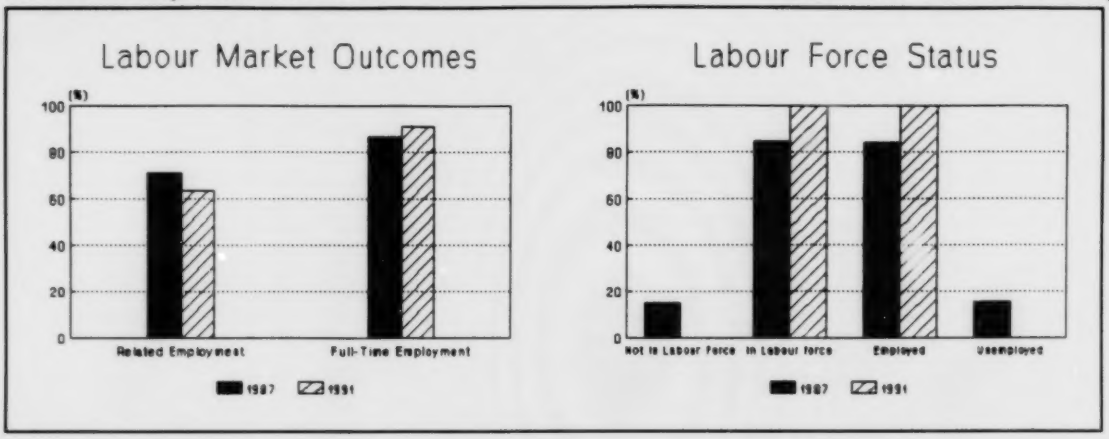
PROGRAM: Security

CCSIS CODE#: 71420

TOTAL GRADUATES: **64**
Number of Respondents 1987: **53**
Number of Respondents 1991: **25**

Male: 71.7% **Female:** 28.3%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,506 ($1,742)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
47 % jobs related to the certification obtained in 1985/86
90 % full-time jobs
83 % permanent jobs
Average (Mean) number of months in Labour Force: **48**
Average (Mean) number of months employed: **47**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Guards & Security	6115	15	1. Police Detectives	6112	9
2. Police Detectives	6112	7	2. Guards & Security	6115	3
3. Nurs. & Rel. NEC.	3139	2	3. Other Mechan. & Rep. NEC	8589	1
4. Insp. & Reg. Officers	1116	1	4. N/A	N/A	N/A
5. Telephone Operators	4175	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Protective Serv. (Local)	832	8	1. Protective Serv.(Local)	832	9
2. Other Bus. Serv.	779	6	2. Protective Serv. (Fed.)	812	2
3. Protective Ser. (Prov.)	822	3	3. Econ.Serv.Admin.	827	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. College Diploma/Certificate	2
3. Technical Institute Diploma/Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

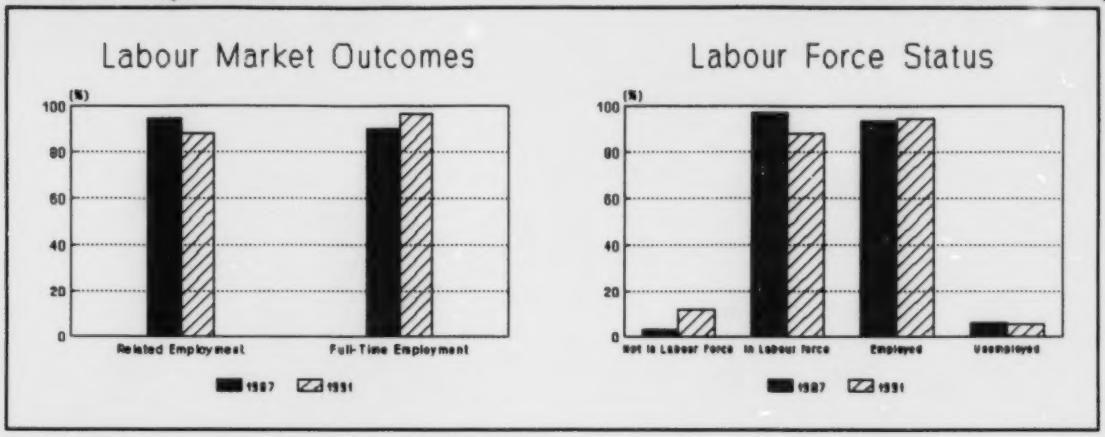
PROGRAM: Care of the Disabled

CCSIS CODE#: 72400

TOTAL GRADUATES: **138**
Number of Respondents 1987: **102**
Number of Respondents 1991: **42**

Male: 5.9% **Female:** 94.1%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,990 ($1,854)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 10% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
62 % jobs related to the certification obtained in 1985/86
84 % full-time jobs
80 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **44**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Social Sci. & Rel.	2399	55	1. Welfare & Comm. Serv.	2333	11
2. Welfare & Comm. Serv.	2333	6	2. Social Sci. & Rel.	2399	7
3. Teacher Gifted Students	2795	5	3. College/Vocational Teacher	2791	3
4. Childcare Worker	6147	5	4. Teacher Gifted Students	2795	2
5. Social Worker	2331	4	5. Elementary/Kindgr.Teacher	2731	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Inst. Hlth. Serv.	862	37	1. Elem. & Sec. Educ.	851	5
2. Non-Inst. Soc. Serv.	864	34	2. Hospitals	861	4
3. Elem. & Sec. Educ.	851	4	3. Post. Sec. Non. Univ. Ed.	852	4

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	3
2. College Diploma/Certificate	2
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Social Services/Welfare Technology **CCSIS CODE#**: 72600

TOTAL GRADUATES: **152**
Number of Respondents 1987: **117**
Number of Respondents 1991: **53**

Male: 18.8% **Female**: 81.2%

DEGREE OF RELIABILITY: High

CURRENT EARNINGS (in 1991 Constant Dollars): $2,245 ($1,781)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 33% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **74 %** jobs related to the certification obtained in 1985/86
- **79 %** full-time jobs
- **75 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **42**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Social Worker	2331	40	1. Social Worker	2331	18
2. Welfare & Comm. Serv.	2333	12	2. Welfare & Comm. Serv.	2333	11
3. Social Sc. & Rel.	2399	4	3. Receptionist	4171	1
4. Mgt. Social Sci. & Rel.	1132	2	4. Mgt. Social Sci. & Rel.	1132	1
5. Medicine Admin.	1134	2	5. Social Sc. & Rel.	2399	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Non-Inst. Soc. Serv.	864	19	1. Non-Inst. Soc. Serv.	864	7
2. Human Resources Admin.	826	18	2. Human Resources Admin.	826	7
3. Other Inst. Health	862	11	3. Hospitals	861	4

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	10
2. Hospital Based Nursing Program	1
3. N/A	N/A

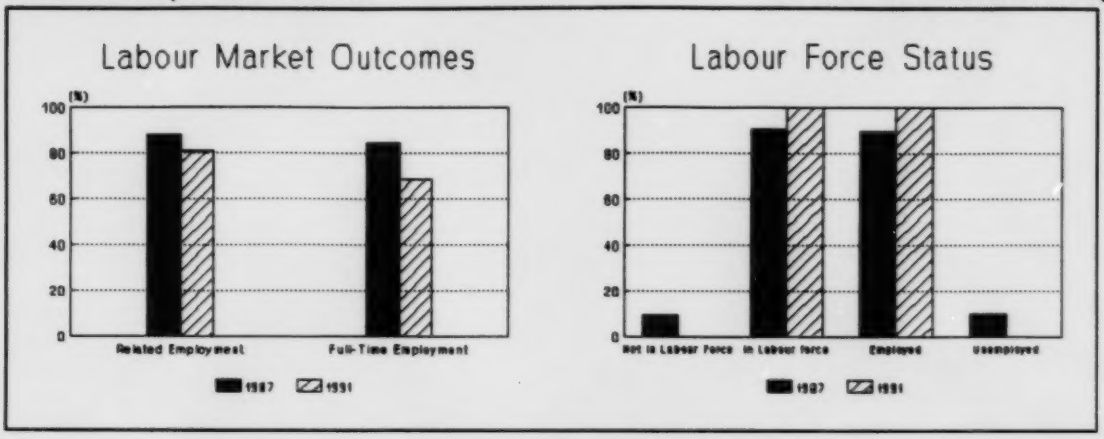
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Recreation Leadership/Leisure Services **CCSIS CODE#:** 73100

TOTAL GRADUATES: 39
Number of Respondents 1987: 32
Number of Respondents 1991: 19

Male: 22.6% **Female:** 77.4%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,006 ($1,402)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 32% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **63 %** jobs related to the certification obtained in 1985/86
- **72 %** full-time jobs
- **64 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **41**
- Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Welfare & Comm. Serv.	2333	9	1. Welfare & Comm. Serv.	2333	5
2. Occupational Therapists	3138	4	2. Occupational Therapy	3138	2
3. Protect. Services NEC	6119	2	3. Personnel Indust. Rel.	1136	1
4. Oth. Social Sci. & Rel.	2399	2	4. Oth. Mgt. & Admin.NEC	1149	1
5. Mgt. Social. Sci. & Rel.	1132	1	5. Oth. Teaching & Rel.NEC	2799	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Other Inst. Health	862	8	1. Hospitals	861	4
2. Hospitals	861	3	2. Hum.Resour.Admin.(Prov)	826	2
3. Hum.Resour.Admin.(Prov)	826	2	3. Hum.Resour.Admin.(Local)	836	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. College Diploma/Certificate	1
3. Vocational Certificate	1

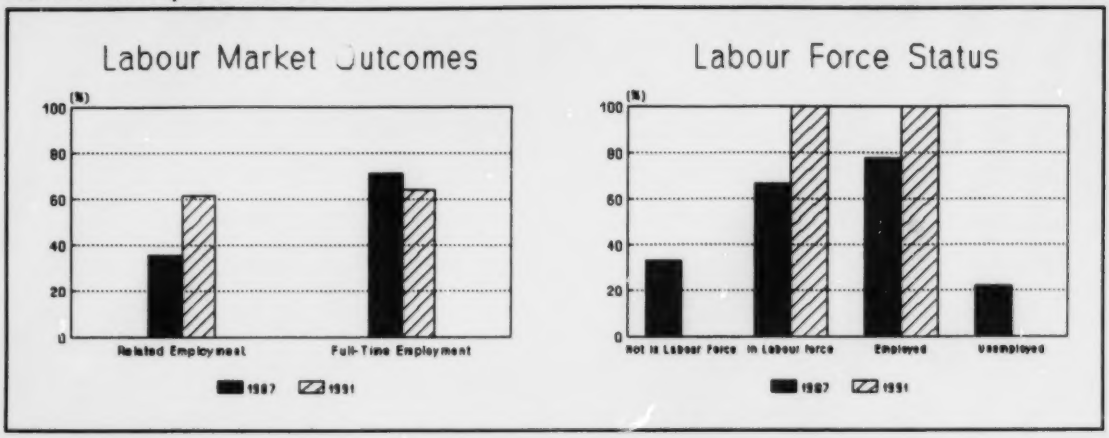
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Physical Education Instruction **CCSIS CODE#**: 73200

TOTAL GRADUATES: **30**
Number of Respondents 1987: **27**
Number of Respondents 1991: **16**

Male: 48.1% **Female:** 51.9%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,305 ($1,697)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 27% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **68 %** jobs related to the certification obtained in 1985/86
- **75 %** full-time jobs
- **72 %** permanent jobs

Average (Mean) number of months in Labour Force: **44**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Coaches & Instructors	3370	2	1. Welfare & Comm. Serv.	2333	2
2. Admin. Teach. & Rel.	1133	1	2. College/Vocat. Teacher	2791	1
3. Service Mgt.	1142	1	3. Fine Arts Teacher	2792	1
4. Sports & Rec. Attend	3375	1	4. Coaches & Instructors	3370	1
5. N/A	N/A	N/A	5. Physiotherapy	3137	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Sports & Rec. Clubs	965	2	1. Sports & Rec. Clubs	965	2
2. Building Operators	751	1	2. University Educ.	853	2
3. Post-Sec. Non-Univ. Ed.	852	1	3. Hum.Resour.Admin. (Local)	836	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	3
2. College Diploma/Certificate	1
3. N/A	N/A

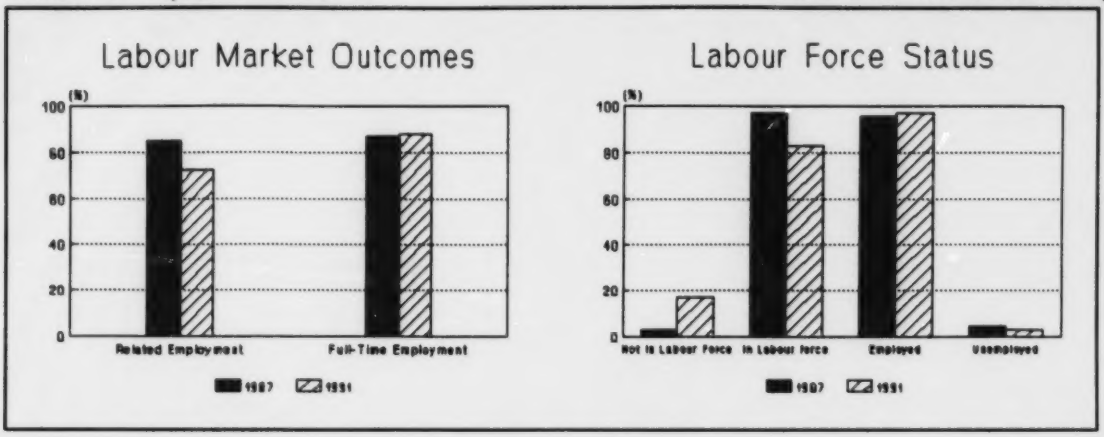
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Travel Counsellor/Agent **CCSIS CODE#**: 73320

TOTAL GRADUATES: 81
Number of Respondents 1987: 67
Number of Respondents 1991: 42

Male: 6.0% **Female:** 94.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,936 ($1,221)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 18% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
52 % jobs related to the certification obtained in 1985/86
88 % full-time jobs
97 % permanent jobs
Average (Mean) number of months in Labour Force: **44**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Travel Clerks	4193	43	1. Travel Clerks	4193	22
2. Air Tranport NEC.	9119	2	2. Air Transport NEC	9119	1
3. Secretary	4111	1	3. Guides	6144	1
4. Bookkeepers & Acct.	4131	1	4. N/A	N/A	N/A
5. Oth. Mgt. & Admin. NEC	1149	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Travel Services	996	34	1. Travel Services	996	15
2. Air Tranport	451	13	2. Air Transport	451	7
3. General Merch. Stores	641	1	3. Services to Air Transport	452	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	2
2. College Diploma/Certificate	1
3. N/A	N/A

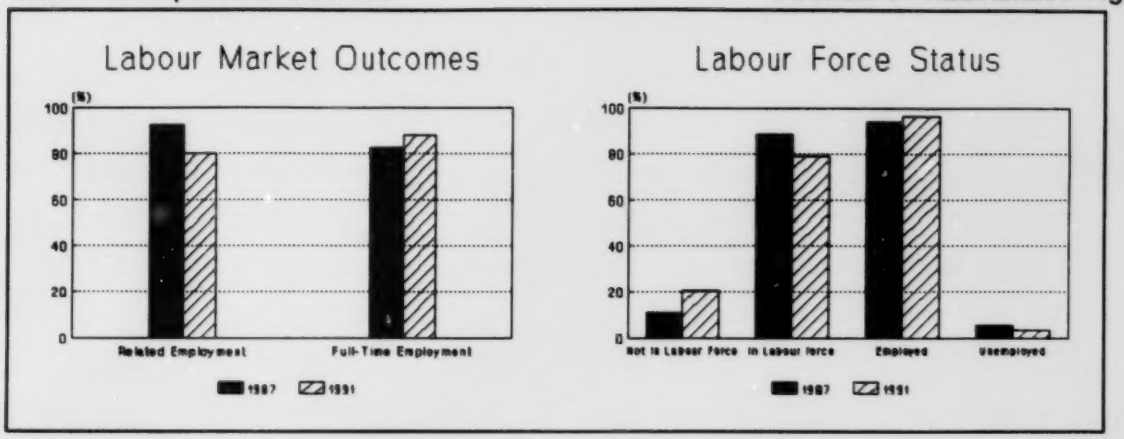
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Education Early Childhood **CCSIS CODE#:** 74210

TOTAL GRADUATES: **295**
Number of Respondents 1987: **241**
Number of Respondents 1991: **150**

Male: 0% **Female:** 100%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,633 ($1,239)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **63 %** jobs related to the certification obtained in 1985/86
- **83 %** full-time jobs
- **83 %** permanent jobs

Average (Mean) number of months in Labour Force: **43**
- Average (Mean) number of months employed: **41**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Childcare Worker	6147	84	1. Childcare Worker	6147	29
2. Medical Assistants	3139	27	2. Other Teachers NEC.	2799	13
3. Elem./Kndgtn.Teacher	2731	26	3. Welfare & Commun. Serv.	2333	14
4. Mgt. Soc. Sci & Rel.	1132	9	4. Elem./Kndgtn. Teacher	2731	11
5. Elem./Sec. Teach. & Rel.	2739	8	5. Comm.Colleg.&Voc.Teach.	2791	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Non-Inst. Health Serv.	864	140	1. Non-Inst. Health Serv.	864	43
2. Elem./Sec. Education	851	21	2. Elem./Sec. Education	851	17
3. Post-Sec. Non-Univ. Ed.	852	7	3. Hospitals	861	5

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	7
2. Bachelor Degree	6
3. Vocational Certificate	2

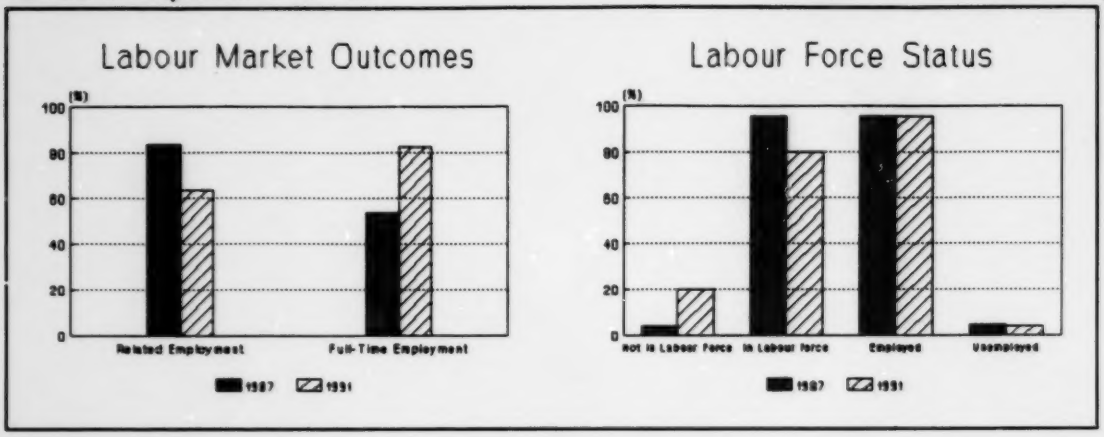
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Teacher Aide/Educational Support **CCSIS CODE#:** 74230

TOTAL GRADUATES: 59
Number of Respondents 1987: 47
Number of Respondents 1991: 30

Male: 2.1% **Female:** 97.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,412 ($1,292)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 0% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **64 %** jobs related to the certification obtained in 1985/86
- **78 %** full-time jobs
- **66 %** permanent jobs

Average (Mean) number of months in Labour Force: **43**
- Average (Mean) number of months employed: **40**
- Average (Mean) number of months unemployed: **3**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Elem./Sec.Tchr. & Rel.	2739	13	1. Other Teaching NEC.	2799	7
2. Childcare Worker	6147	6	2. Librarian	2351	3
3. Teacher Gifted Students	2795	5	3. Childcare Worker	6147	2
4. Other Teaching NEC	2799	5	4. Teacher Gifted Students	2795	1
5. Mgt. Social Sc. & Rel.	1132	1	5. Welfare & Comm. Service	2333	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Elem. & Sec. Educ.	851	25	1. Elem. & Sec. Educ.	851	8
2. Non-Inst. Soc. Sci	864	6	2. Other Education. Serv.	859	3
3. Human Resource Admin.	836	1	3. Non-Inst. Soc. Sci.	864	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. N/A	N/A
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

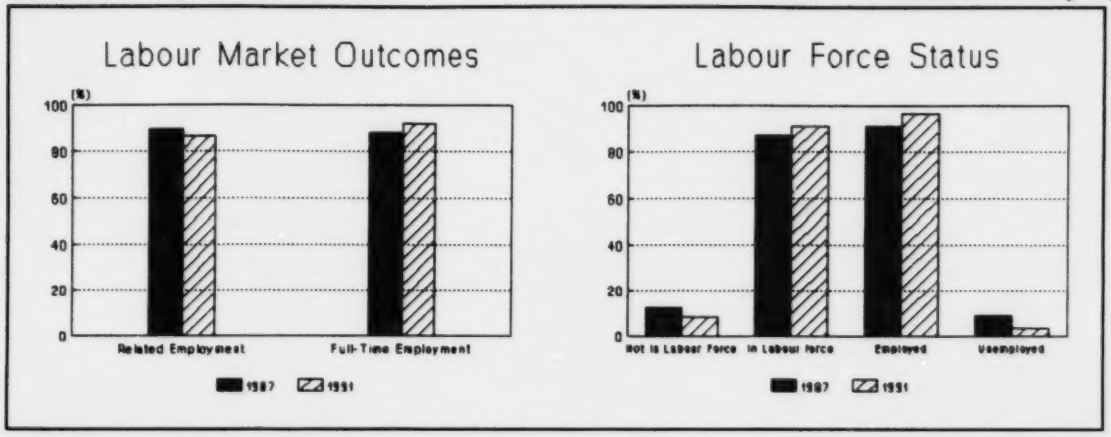
PROGRAM: Secretary - General

CCSIS CODE#: 81100

TOTAL GRADUATES: **682**
Number of Respondents 1987: **547**
Number of Respondents 1991: **375**

Male: 0.2% **Female:** 99.8%

DEGREE OF RELIABILITY: Very High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,900 ($1,390)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 17% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **71 %** jobs related to the certification obtained in 1985/86
- **90 %** full-time jobs
- **81 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Secretary	4111	208	1. Secretary	4111	132
2. Typists	4113	53	2. Typists	4113	25
3. Accounting Clerks	4131	26	3. Accounting Clerks	4131	21
4. Receptionists	4171	26	4. Receptionist	4171	14
5. Data Processing	4143	15	5. Other Manag. Admin.NEC.	1149	14

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Offices of Lawyers	776	54	1. Offices of Lawyers	776	28
2. Post-Sec. Non-Univ. Ed.	852	26	2. Crude Petro & Nat. Gas.	71	26
3. Crude Petro & Nat. Gas	71	22	3. Post-Sec. Non-Univ.Ed.	852	19

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	19
2. Technical Institute Diploma/Certificate	16
3. Bachelor Degree	6

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

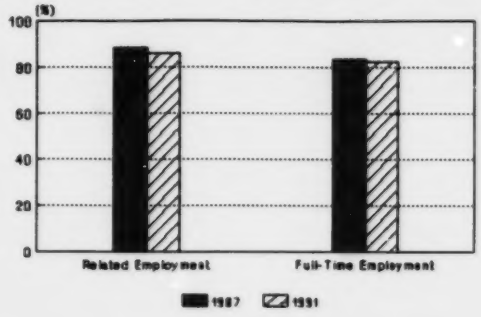
PROGRAM: Legal Secretary/Law Clerk **CCSIS CODE#:** 81210

TOTAL GRADUATES: 89
Number of Respondents 1987: 69
Number of Respondents 1991: 38

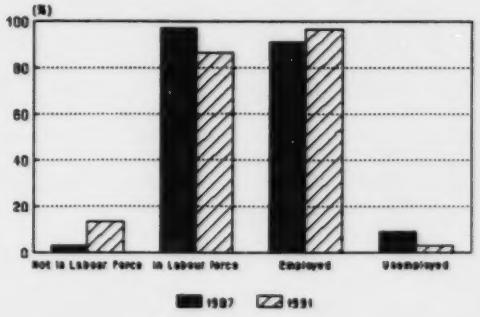
Male: 2.9% **Female:** 97.1%

DEGREE OF RELIABILITY: High

Labour Market Outcomes



Labour Force Status



CURRENT EARNINGS (in 1991 Constant Dollars): $2,325 ($1,581)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 8% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
62 % jobs related to the certification obtained in 1985/86
89 % full-time jobs
91 % permanent jobs
Average (Mean) number of months in Labour Force: **47**
Average (Mean) number of months employed: **45**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Secretary	4111	30	1. Secretary	4111	18
2. Law	2349	15	2. Accounting Clerks	4131	2
3. Accounting Clerks	4131	4	3. Law	2349	2
4. Typists	4113	3	4. Other Manag. Admin.NEC.	1149	1
5. Finance Clerks	4135	1	5. Typists	4113	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Offices of Lawyers	776	25	1. Offices of Lawyers	776	10
2. Protective Services	822	10	2. Protective Services	822	4
3. Oth. Business Serv.	779	5	3. Oth. Business Serv.	779	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	3
2. N/A	N/A
3. N/A	N/A

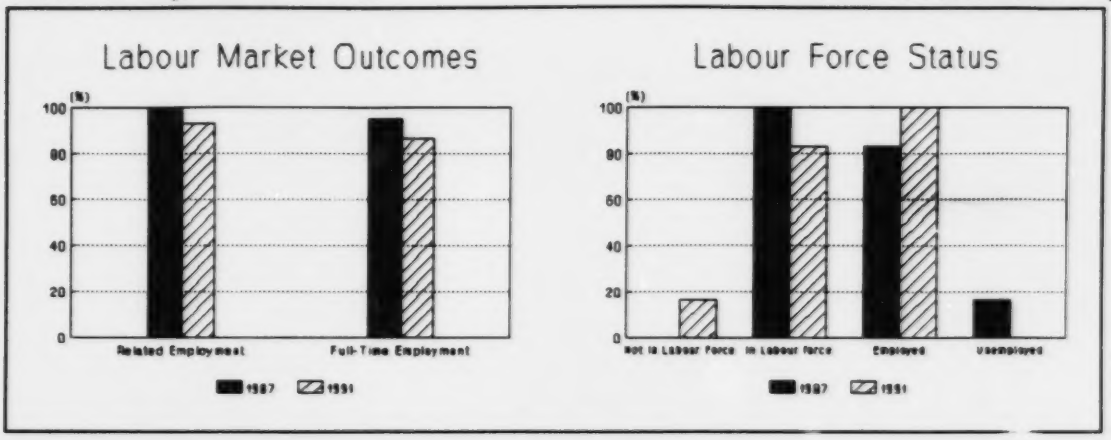
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Health Records Technology **CCSIS CODE#**: 81310

TOTAL GRADUATES: **28**
Number of Respondents 1987: **24**
Number of Respondents 1991: **18**

Male: 0% **Female**: 100 %

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,378 ($2,256)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 6% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **64 %** jobs related to the certification obtained in 1985/86
- **91 %** full-time jobs
- **74 %** permanent jobs

Average (Mean) number of months in Labour Force: **42**
- Average (Mean) number of months employed: **42**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Library Clerk	4161	13	1. Library Clerk	4161	6
2. Secretary	4111	3	2. Admin/Medical & Health	1134	3
3. Sales & Advert. Mgt.	1137	1	3. Librarian	2351	2
4. Medical Lab. Tech.	3156	1	4. Systems Analyst	2183	1
5. Oth. Clerical & Rel.	4199	1	5. Typist	4113	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	18	1. Hospitals	861	13
2. Women's Clothing Store	613	1	2. Medical Lab	868	1
3. Medical Lab.	868	1	3. N/A	N/A	N/A

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

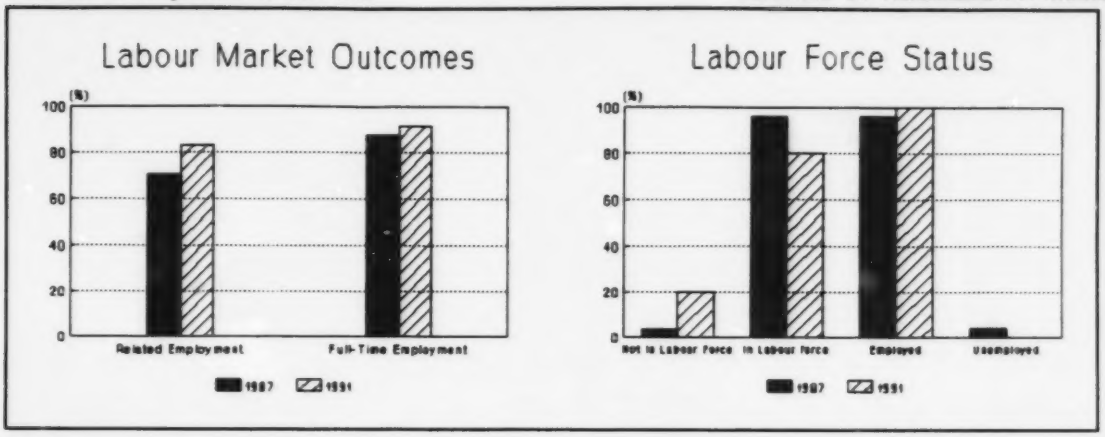
PROGRAM: Medical Secretary

CCSIS CODE#: 81320

TOTAL GRADUATES: 32
Number of Respondents 1987: 26
Number of Respondents 1991: 15

Male: 0% **Female:** 100 %

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $1,878 ($1,692)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 7% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **58 %** jobs related to the certification obtained in 1985/86
- **91 %** full-time jobs
- **76 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Secretary	4111	12	1. Secretary	4111	7
2. Typists	4113	4	2. Typist	4113	2
3. Library Clerk	4161	1	3. Receptionist	4171	1
4. N/A	N/A	N/A	4. N/A	N/A	N/A
5. N/A	N/A	N/A	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hospitals	861	11	1. Hospitals	861	6
2. Office of Physicians	865	3	2. Office of Physicians	865	3
3. Medical Lab.	868	2	3. Hum.Resourc.Admin.(Fed.)	816	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. N/A	N/A
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

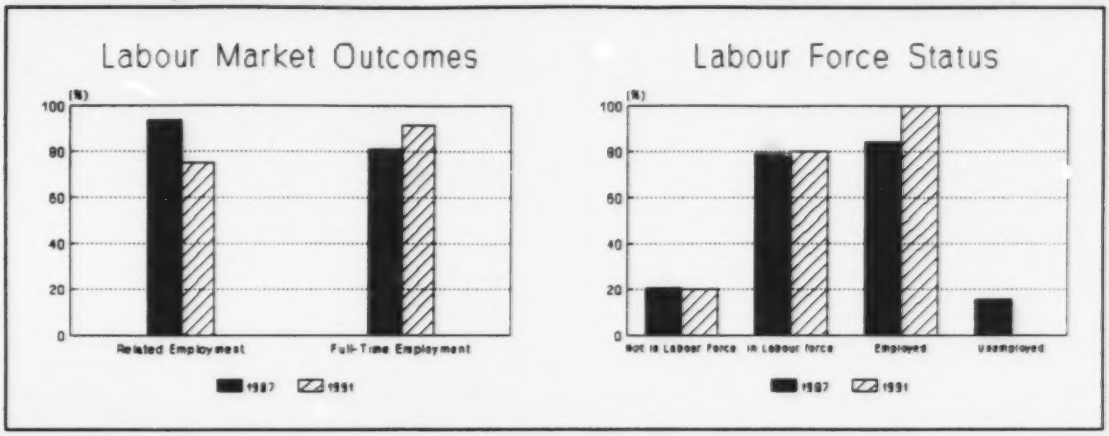
PROGRAM: Bank Teller

CCSIS CODE#: 81700

TOTAL GRADUATES: **30**
Number of Respondents 1987: **24**
Number of Respondents 1991: **15**

Male: 8.3% **Female:** 91.7%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $1,530 ($1,516)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 13% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **63 %** jobs related to the certification obtained in 1985/86
- **84 %** full-time jobs
- **82 %** permanent jobs

Average (Mean) number of months in Labour Force: **39**
- Average (Mean) number of months employed: **37**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Cashiers & Tellers	4133	8	1. Cashiers & Tellers	4133	6
2. Bookkeepers & Acct.	4131	3	2. Sup. Bookeepers/Acct.	4130	1
3. Finance Clerk	4135	1	3. Typist	4113	1
4. Claim Adjusters	4192	1	4. Library Clerks	4161	1
5. Salespersons	5135	1	5. N/A	N/A	N/A

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Banks	702	8	1. Banks	702	6
2. Credit Unions	705	2	2. Credit Unions	705	2
3. Hshld. Furniture Stores	621	1	3. Hospitals	861	1

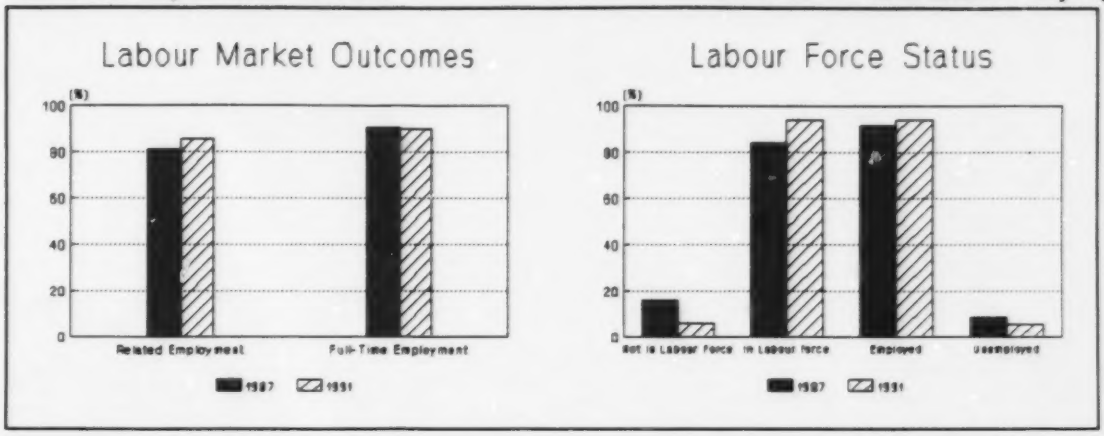
TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	1
2. College Diploma/Certificate	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Business Management & Administration **CCSIS CODE#**: 82100

TOTAL GRADUATES: **579** **Male**: 43.0% **Female**: 57.0%
Number of Respondents 1987: **441**
Number of Respondents 1991: **254** **DEGREE OF RELIABILITY**: Very High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,376 ($1,611)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 21% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
71 % jobs related to the certification obtained in 1985/86
90 % full-time jobs
85 % permanent jobs
Average (Mean) number of months in Labour Force: **45**
Average (Mean) number of months employed: **43**
Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Accounting Clerks	4131	58	1. Financial Officers	1171	42
2. Financial Officers	1171	33	2. Accounting Clerks	4131	33
3. Secretary	4111	24	3. Sales & Advert.Mgmt.	1137	11
4. Salespersons	5135	23	4. Other Managers NEC	1149	11
5. Services Mgt.	1142	14	5. Secretary	4111	9

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Accounting Services	773	22	1. Banks	702	14
2. Banks	702	16	2. Crude Petro & Nat. Gas	71	13
3. Crude Petro & Nat. Gas.	71	15	3. Accounting Services	773	13

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	17
2. Bachelor Degree	12
3. Technical Institute Diploma/Certificate	6

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

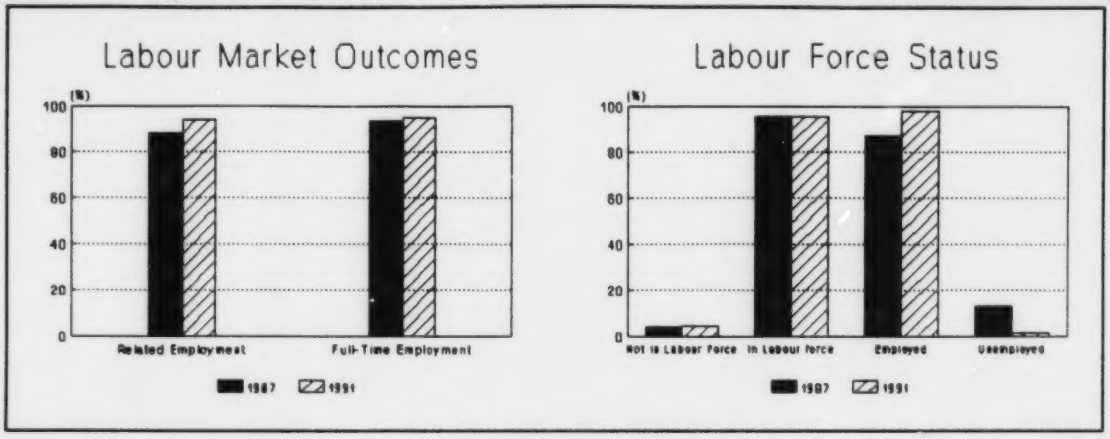
PROGRAM: Accounting

CCSIS CODE#: 82210

TOTAL GRADUATES: **255**
Number of Respondents 1987: **216**
Number of Respondents 1991: **119**

Male: 46.5% **Female:** 53.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,444 ($1,610)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 16% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **66 %** jobs related to the certification obtained in 1985/86
- **94 %** full-time jobs
- **90 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Accounting Clerks	4131	97	1. Financial Officers	1171	57
2. Financial Officers	1171	32	2. Accounting Clerks	4131	19
3. Secretary	4111	4	3. Financial Management	1135	4
4. Financial Management	1135	2	4. Sup: Clerical & Rel NEC	4190	3
5. Services Mgt.	1142	2	5. Other Managers NEC	1149	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Accounting Services	733	43	1. Accounting Services	773	20
2. Gen. Admin. Serv.	825	7	2. Crude Petro & Nat. Gas	71	6
3. Crude Petro & Nat. Gas.	71	6	3. Gen.Admin.Serv.(Fed.)	815	5

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	5
2. Technical Institute Diploma/Certificate	2
3. N/A	N/A

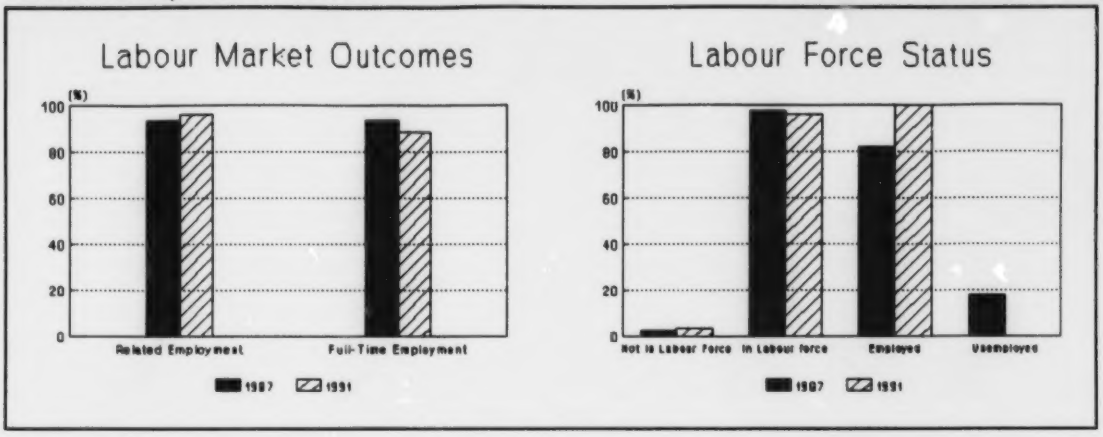
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Financial Management **CCSIS CODE#:** 82260

TOTAL GRADUATES: **53**
Number of Respondents 1987: **41**
Number of Respondents 1991: **29**

Male: 69.0% **Female:** 40.0%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,625 ($1,713)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 11% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **79 %** jobs related to the certification obtained in 1985/86
- **93 %** full-time jobs
- **82 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **46**
- Average (Mean) number of months unemployed: **0**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Accounting Clerks	4131	10	1. Accounting/Auditing	1171	8
2. Cashiers & Tellers	4133	7	2. Accounting Clerks	4131	4
3. Salespersons	5135	3	3. Financial Management	1135	3
4. Financial Management	1135	2	4. Cashiers & Tellers	4133	2
5. Oth. Clerical & Rel.	4199	2	5. Oth. Finance Clerks	4135	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Banks	702	15	1. Banks	702	8
2. Publishing & Printing	284	1	2. Insurance Agencies	761	3
3. Oth. Machine & Equip	319	1	3. Publishing Industries	283	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	1
2. Technical Institute Diploma/Certificate	1
3. N/A	N/A

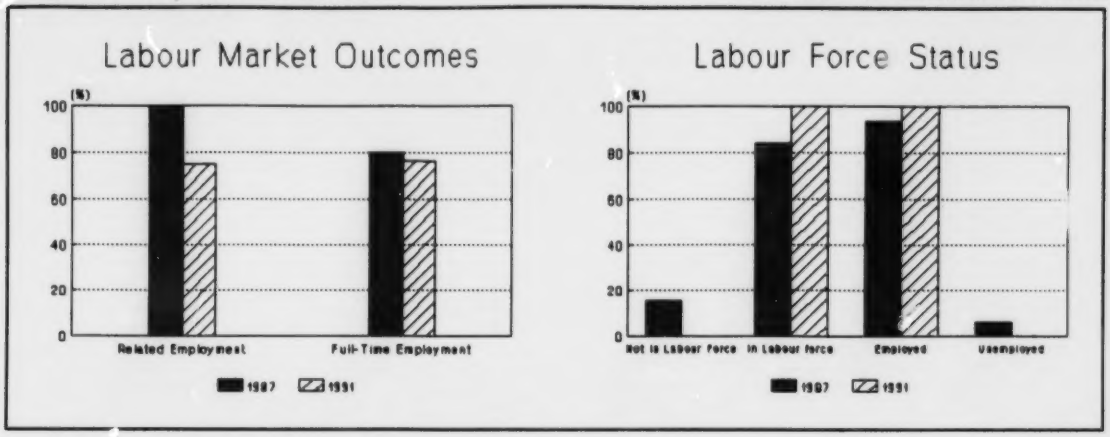
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Hotel/Restaurant/Resort Management **CCSIS CODE#:** 82420

TOTAL GRADUATES: **25**
Number of Respondents 1987: **19**
Number of Respondents 1991: **13**

Male: 55.6% **Female:** 44.4%

DEGREE OF RELIABILITY: Medium



CURRENT EARNINGS (in 1991 Constant Dollars): $2,137 ($1,698)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 23% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **64 %** jobs related to the certification obtained in 1985/86
- **85 %** full-time jobs
- **90 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Service Management	1142	3	1. Service Management	1142	2
2. Accounting Clerks	4131	2	2. Sup. Food & Bev. Prep.	6120	2
3. Hotel Clerk	4194	2	3. Hotel Clerk	4194	1
4. Chefs & Cooks	6121	2	4. Sup. Sales	5170	1
5. Food & Bev. Serv.	6125	2	5. Bartenders	6123	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Hotels & Motels	911	8	1. Hotels & Motels	911	2
2. Food Services	921	4	2. Oth.Amusement& Rec.Serv.	969	2
3. Food Stores	601	1	3. Food Services	921	1

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. College Diploma/Certificate	2
2. Technical Institute Diploma/Certificate	1
3. N/A	N/A

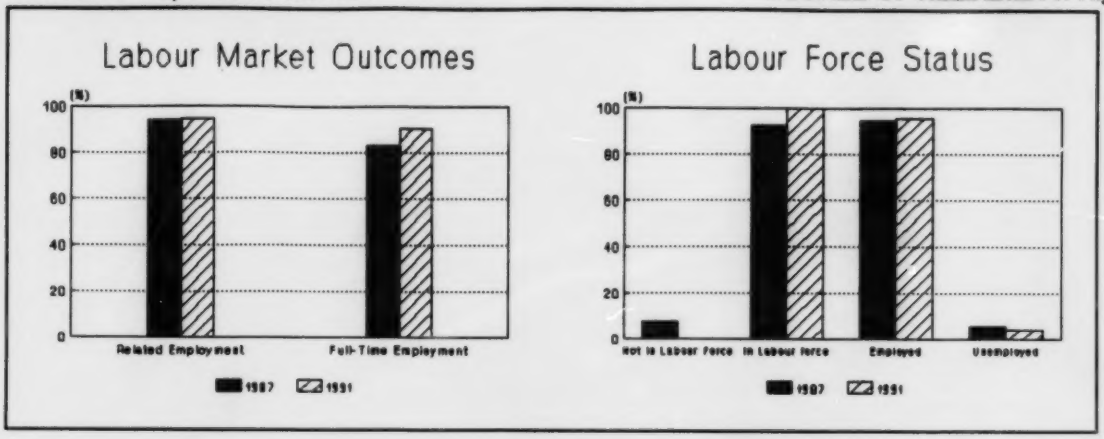
***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

PROGRAM: Other Institutional Management **CCSIS CODE#:** 82430

TOTAL GRADUATES: **54**
Number of Respondents 1987: **40**
Number of Respondents 1991: **23**

Male: 72.5% **Female:** 27.5%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,246 ($1,714)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 35% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **66 %** jobs related to the certification obtained in 1985/86
- **82 %** full-time jobs
- **68 %** permanent jobs

Average (Mean) number of months in Labour Force: **45**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Nursery & Rel. Workers	7195	7	1. Nursery & Rel. Workers	7195	4
2. Personnel Management	1136	5	2. Welfare & Comm. Serv.	2333	2
3. Welfare & Comm. Serv.	2333	5	3. Occupational Therapists	3138	2
4. Occupational Therapists	3138	3	4. Service Management	1142	2
5. Att. Sports & Rec.	3375	3	5. Personnel Management	1136	1

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Human Resource Admin.	836	12	1. Human Resource Admin.	836	4
2. Sports & Rec. Clubs	965	6	2. Sports & Rec. Clubs	965	3
3. Hospitals	861	5	3. Hospitals	861	2

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Bachelor Degree	2
2. Technical Institute Certificate/Diploma	1
3. N/A	N/A

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

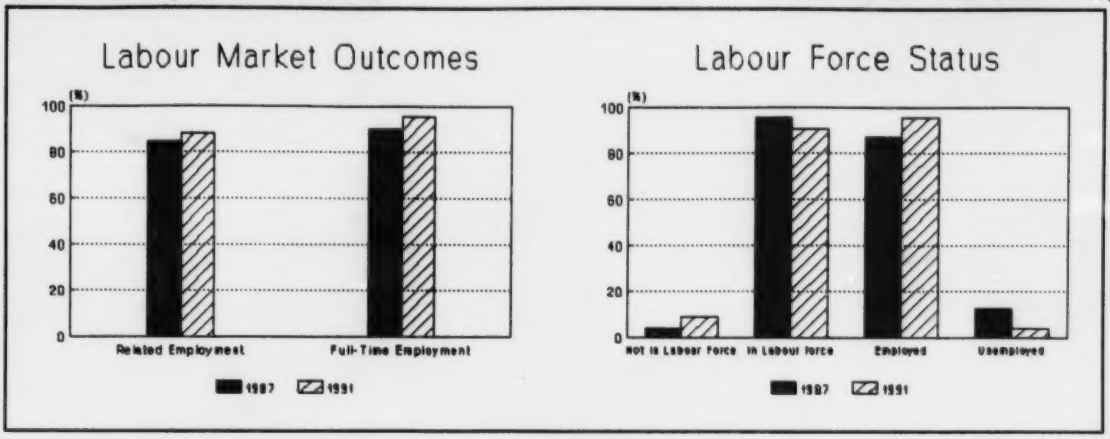
PROGRAM: Merchandising & Sales

CCSIS CODE#: 83000

TOTAL GRADUATES: **169**
Number of Respondents 1987: **126**
Number of Respondents 1991: **80**

Male: 42.1% **Female:** 57.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $2,390 ($1,667)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 12% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **2**
- **62 %** jobs related to the certification obtained in 1985/86
- **90 %** full-time jobs
- **85 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **45**
- Average (Mean) number of months unemployed: **1**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Salespersons	5135	23	1. Sales & Advert. Mgt.	1137	13
2. Sales & Advert. Mgt.	1137	11	2. Commercial Travellers	5133	7
3. Insurance Sales	5171	7	3. Account./Auditors	1171	5
4. Advertising Sales	5174	6	4. Oth. Mgt./Admin. NEC.	1149	4
5. Commerical Travellers	5133	6	5. Bookkeeping Clerks	4131	4

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Insurance & Real Estate	761	6	1. Insurance & Real Estate	761	4
2. Women's Clothing Stores	613	5	2. Drug Stores	603	3
3. Drug Stores	603	4	3. Banks	702	3

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	3
2. Bachelor Degree	2
3. Vocational Certificate	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

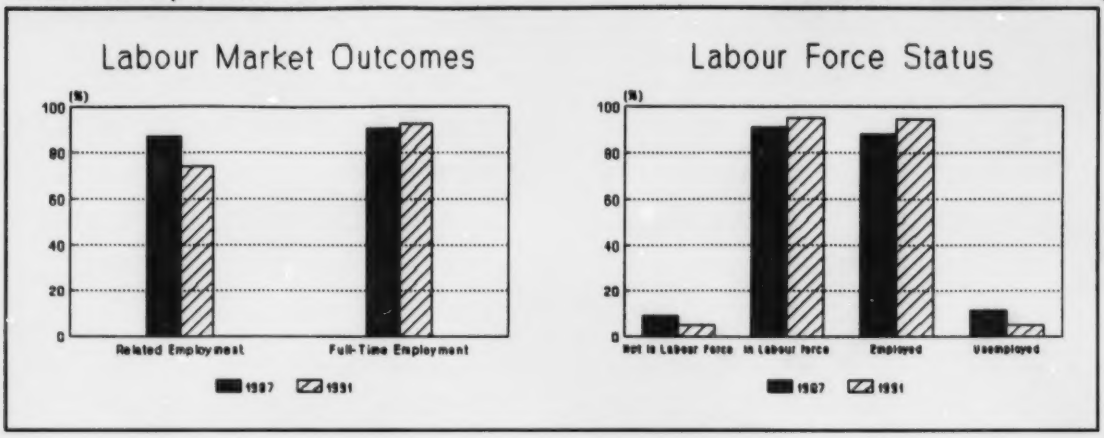
PROGRAM: Cooking

CCSIS CODE#: 84112

TOTAL GRADUATES: **165**
Number of Respondents 1987: **122**
Number of Respondents 1991: **62**

Male: 63.1% **Female:** 36.9%

DEGREE OF RELIABILITY: High



CURRENT EARNINGS (in 1991 Constant Dollars): $1,807 ($1,191)/ Month

FURTHER CERTIFICATION SINCE GRADUATION IN 1985/86: 29% received further certification

WORK HISTORY

Average (Mean) number of jobs since graduation: **3**
- **64 %** jobs related to the certification obtained in 1985/86
- **90 %** full-time jobs
- **89 %** permanent jobs

Average (Mean) number of months in Labour Force: **46**
- Average (Mean) number of months employed: **44**
- Average (Mean) number of months unemployed: **2**

TOP FIVE TRAINING RELATED OCCUPATIONS (Rank Ordered)

Title (1987)	SOC#	No.Grads	Title (1991)	SOC#	No.Grads
1. Chefs & Cooks	6121	64	1. Chefs & Cooks	6121	27
2. Food & Bev. Serving	6125	9	2. Food & Bev. Serving	6125	2
3. Baking & Rel.	8213	3	3. Baking & Rel.	8213	2
4. Sup.: Food & Beverage	6120	2	4. Services Management	1142	2
5. Services Management	1142	1	5. Dieticians & Nutritionists	3152	2

TOP THREE TRAINING RELATED INDUSTRIES (Rank Ordered)

Title (1987)	SIC#	No.Grads	Title (1991)	SIC#	No.Grads
1. Food Services	921	36	1. Food Services	921	13
2. Hotels & Motels	911	20	2. Hotels & Motels	911	10
3. Sports & Rec. Clubs	965	4	3. Hospitals	861	5

TOP THREE QUALIFICATIONS OBTAINED SINCE GRADUATION IN 1985/86

Qualification	No.Grads
1. Technical Institute Diploma/Certificate	5
2. College Diploma/Certificate	3
3. Hospital Based Nursing Program	2

***Earnings reported in 1987 represented starting salary**
( ) Denotes 1987 values

Appendix A

CCSIS Programs Grouped into Broader Fields of Study

The survey was designed to yield reliable results for all CCSIS categories. However, in certain programs, the response was not sufficient to ensure reliability at at least a 90 +/- 15% confidence level. In these instances, CCSIS programs of similar content were grouped into 8 larger categories to ensure reliable results. These categories and their component CCSIS categories are listed in Table 1.

Table 1
Combined Categories for CCSIS Programs
not Meeting the 90 +/- 15 % Cut-Off

CCSIS Number	Applied Arts 1
21110	Dance
21120	Music
21130	Drama
21300	Handicrafts
22100	Advertising
22300	Commercial Arts
24500	Interior Design

	Nursing 1
41400	Psychiatric or Mental Health Nursing
41500	Public Health Nursing

	Medical Technologies 1
42800	Pharmacy Technologies
42900	Other Diagnostic & Treatment Medical Tech.

	Chemical or Electrical Technologies 1
51000	Chemical Technologies
52510	Radio & Television (Broadcast Electronics)
51420	Plastics & Fibreglass

	Engineering 1
55251	Millwright
55271	Materials Engineering Technology
55327	Woodworking & Carpentry
55329	Other Construction/Building Technology
55350	Welding Technologies
55410	Aeronautical Engineering Technology
55510	Industrial Designing/Operating Technology
55550	Machinist

Appendix B

Cover Letter and Questionnaire

Alberta
CAREER DEVELOPMENT
AND EMPLOYMENT

HLA CONSULTANTS

January, 1991

Dear 1985-86 Graduate:

Please find attached a questionnaire requesting information about your employment and education history since you graduated from your college or technical institute in 1985-86. This survey requests information that will update your employment and educational activities since we last surveyed you in early 1987.

We had a tremendous response to the last survey; close to 7000 of the 8000 graduates from across Alberta provided us with valuable information on their job search experiences, the types of occupations they entered and the salaries they earned in those occupations. This information has been extremely useful to college and high school career counsellors in allowing them to help students make more informed career choices. Of interest to you, we've attached a provincial summary for your program from the results of the last survey.

Because the information was of such great value last time, and because your response was so positive, it was decided that we should obtain more information on your experiences since we last surveyed you. The results obtained from this survey will provide students with even better information than we currently have.

Contacting all of you last time was a challenge because for many we had addresses that were no longer current (e.g. parents' addresses). Nevertheless, we received a great response. This time, we face an even greater challenge since we still have the same addresses as we had last time, only they are now older. However, we are confident that with your cooperation we can again put together a body of information that will greatly assist young students.

This questionnaire looks somewhat intimidating because of its length - but it only looks that way. As you will note, the questionnaire is divided into several components. Not all of the components nor all of the questions in each need to be answered by you. It will therefore be much faster to complete than appears to be the case at first glance. In addition, we have tried to make it interesting to complete.

The questions you are required to answer depend on your responses as you progress through the questionnaire. The skip instructions will tell you which questions to answer next. Note that the questions are printed on both sides of the pages in the booklet.

We would like to emphasize that all replies will be held in strict confidence. Once received, the information will be entered on computer and the results totalled for all graduates in your field. The individual questionnaires will then be destroyed so that there will be no way of identifying the responses from any single graduate.

(Over)

. . . 2

Due to a fairly short timeline for this project, we are requesting your cooperation in completing the questionnaire and returning it in the enclosed, stamped, addressed envelope, **within two weeks** of receiving it. Since we need all questionnaires completed and returned, your early response is important to us. It will save us a lot of additional effort in trying to further contact you for your answers.

As we mentioned earlier, this survey is a big challenge for us because of the old addresses that we have. We need your help to make this a success.

Thanks for your cooperation, and we hope you enjoy completing the survey.

If you have any questions or comments, please call Roger at 468-6840.

Sincerely,

Bev MacKeen, Ph.D
Director
Labour Market Industry Analysis
and Training Information Branch

Sincerely,
HLA Consultants

Roger Lefrancois
Manager

EMPLOYMENT AND EDUCATION FOLLOW-UP SURVEY
1985/1986 GRADUATES - ALBERTA COLLEGES AND TECHNICAL INSTITUTES

INSTRUCTIONS - PLEASE READ CAREFULLY

1. Answer only the questions which apply to you.
2. When spaces are provided, write complete answers in these spaces.
3. When boxes are provided, mark the appropriate box with an "X".
4. Complete all applicable questions on both sides of the pages.
5. Return completed questionnaire to HLA Consultants in the envelope.
6. If you have any questions, call Roger at HLA (468-6840) for assistance.
7. Thank you for your help and enjoy the questionnaire.

1. Beginning with your **CURRENT OR MOST RECENT JOB**, please provide the information requested below for each of the **DIFFERENT JOBS** you have held since you graduated in 1985/86. By **DIFFERENT JOBS** we mean **DIFFERENT EMPLOYERS** or a **DIFFERENT JOB POSITION** (with significantly different duties) **WITH THE SAME EMPLOYER**. (Include **ALL** jobs. That is both part-time and full-time jobs and all jobs when more than one was held at the same time.)

   Space has been provided for up to four jobs. Fill out as many as apply to you and then **GO ON TO QUESTION 2.** (Use extra paper if you have had more than four jobs.)

   IF YOU HAVE NEVER BEEN EMPLOYED SINCE GRADUATION, GO TO QUESTION 2c. COMPLETE 2c THROUGH 2e AND THEN CONTINUE WITH THE REST OF THE QUESTIONNAIRE.

JOB #1 - CURRENT OR MOST RECENT

a) Job Title: _____

b) When did you start working at this job?

Year: 19 _____

Month: _____

c) Are you currently employed at this job?

☐ 1. Yes **(GO TO e)**

☐ 2. No **(COMPLETE d)**

d) When did you finish working at this job?

Year: 19_____

Month: _____

e) Is/Was this job permanent, that is a job without a specific end-date?

☐ 1. Yes **(GO TO g)**

☐ 2. No **(COMPLETE f)**

f) Would you prefer/have preferred it to be a permanent job?

☐ 1. Yes

☐ 2. No

g) Is/Was this job 30 or more hours per week?

☐ 1. Yes **(GO TO i)**

☐ 2. No **(COMPLETE h)**

h) Would you prefer/have prefered it to be 30 or more hours per week?

☐ 1. Yes

☐ 2. No

i) At the time of this job, had you received another diploma, degree or certificate in addition to the one you have received in 1985/86?

- ☐ 1. Yes **(COMPLETE j)**
- ☐ 2. No **(GO TO k)**

j) How related is/was your job to the program from which you most recently graduated?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

k) How related is/was your job to the program from which you graduated in the 1985/86 school year?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

l) Considering all aspects of this job, how satisfied are/were you with the job?

- ☐ 1. Very satisfied
- ☐ 2. Satisfied
- ☐ 3. Dissatisfied
- ☐ 4. Very Dissatisfied

JOB #2

a) Job Title _____

b) When did you start working at this job?

Year: 19 _____

Month: _____

c) Are you currently employed at this job?

- ☐ 1. Yes **(GO TO e)**
- ☐ 2. No **(COMPLETE d)**

d) When did you finish working at this job?

Year : 19_____

Month: _____

e) Is/Was this job permanent, that is a job without a specific end-date?

- ☐ 1. Yes **(GO TO g)**
- ☐ 2. No **(COMPLETE f)**

f) Would you prefer/have preferred it to be a permanent job?

- ☐ 1. Yes
- ☐ 2. No

g) Is/Was this job 30 or more hours per week?

- ☐ 1. Yes **(GO TO i)**
- ☐ 2. No **(COMPLETE h)**

h) Would you prefer/have prefered it to be 30 or more hours per week?

- ☐ 1. Yes
- ☐ 2. No

i) At the time of this job, had you received another diploma, degree or certificate in addition to the one you have received in 1985/86?

- ☐ 1. Yes **(COMPLETE j)**
- ☐ 2. No **(GO TO k)**

j) How related is/was your job to the program from which you most recently graduated?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

k) How related is/was your job to the program from which you graduated in the 1985/86 school year?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

l) Considering all aspects of this job, how satisfied are/were you with the job?

- ☐ 1. Very satisfied
- ☐ 2. Satisfied
- ☐ 3. Dissatisfied
- ☐ 4. Very Dissatisfied

JOB #3

a) Job Title _____

b) When did you start working at this job?

Year: 19 _____

Month: _____

c) Are you currently employed at this job?

- ☐ 1. Yes **(GO TO e)**
- ☐ 2. No **(COMPLETE d)**

d) When did you finish working at this job?

Year: 19_____

Month: _____

e) Is/Was this job permanent, that is a job without a specific end-date?

- ☐ 1. Yes **(GO TO g)**
- ☐ 2. No **(COMPLETE f)**

f) Would you prefer/have preferred it to be a permanent job?

- ☐ 1. Yes
- ☐ 2. No

g) Is/Was this job 30 or more hours per week?

- ☐ 1. Yes **(GO TO i)**
- ☐ 2. No **(COMPLETE h)**

h) Would you prefer/have prefered it to be 30 or more hours per week?

- ☐ 1. Yes
- ☐ 2. No

i) At the time of this job, had you received another diploma, degree or certificate in addition to the one you have received in 1985/86?

- ☐ 1. Yes **(COMPLETE j)**
- ☐ 2. No **(GO TO k)**

j) How related is/was your job to the program from which you most recently graduated?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

k) How related is/was your job to the program from which you graduated in the 1985/86 school year?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

l) Considering all aspects of this job, how satisfied are/were you with the job?

- ☐ 1. Very satisfied
- ☐ 2. Satisfied
- ☐ 3. Dissatisfied
- ☐ 4. Very Dissatisfied

JOB #4

a) Job Title _____

b) When did you start working at this job?

Year: 19 _____

Month: _____

c) Are you currently employed at this job?

- ☐ 1. Yes **(GO TO e)**
- ☐ 2. No **(COMPLETE d)**

d) When did you finish working at this job?

Year : 19_____

Month: _____

e) Is/Was this job permanent, that is a job without a specific end-date?

- ☐ 1. Yes **(GO TO g)**
- ☐ 2. No **(COMPLETE f)**

f) Would you prefer/have preferred it to be a permanent job?

- ☐ 1. Yes
- ☐ 2. No

g) Is/Was this job 30 or more hours per week?

- ☐ 1. Yes **(GO TO i)**
- ☐ 2. No **(COMPLETE h)**

h) Would you prefer/have prefered it to be 30 or more hours per week?

- ☐ 1. Yes
- ☐ 2. No

i) At the time of this job, had you received another diploma, degree or certificate in addition to the one you have received in 1985/86?

- ☐ 1. Yes **(COMPLETE j)**
- ☐ 2. No **(GO TO k)**

j) How related is/was your job to the program from which you most recently graduated?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

k) How related is/was your job to the program from which you graduated in the 1985/86 school year?

- ☐ 1. Directly related
- ☐ 2. Somewhat related
- ☐ 3. Unrelated

l) Considering all aspects of this job, how satisfied are/were you with the job?

- ☐ 1. Very satisfied
- ☐ 2. Satisfied
- ☐ 3. Dissatisfied
- ☐ 4. Very Dissatisfied

---

2. a) During the 48 months between January 1987 (when we last surveyed you) and January 1991, how many months **IN TOTAL** were you employed at the jobs described above? (Include illnesses on leave from an employer, vacations on leave from an employer, maternity leaves on leave from an employer, lay-offs, and lock-outs).

_____ Months **(THE TOTAL OF YOUR RESPONSES TO a, c AND d should equal 48 months)**

b) **IN TOTAL**, during these 48 months, how many months were you employed and looking for **OTHER** work?

_____ Months

c) **IN TOTAL**, during the 48 months between January 1987, and January 1991, how many months were you **NOT EMPLOYED** and looking for work?

_____ Months

d) **IN TOTAL**, during these 48 months, how many months were you **NOT EMPLOYED** and **NOT** looking for work?

_____ Months **(IF 0 MONTHS, GO TO QUESTION 3)**

e) During the time period in which you were **NOT EMPLOYED AND NOT LOOKING FOR WORK**, how many months were you enrolled as a full-time student in courses leading to a diploma, certificate or degree?

_____ Months

3. During the month of June, 1989 what was your employment status? (Mark one only)

- ☐ 1. Employed
- ☐ 2. Not employed and looking for work
- ☐ 3. Not employed and not looking for work

4. What is your current employment status? (Mark one only)

- ☐ 1. Employed **(GO TO QUESTION 5)**
- ☐ 2. Not employed and looking for work **(GO TO QUESTION 6)**
- ☐ 3. Not employed and not looking for work **(GO TO QUESTION 7)**

5. **TO BE ANSWERED ONLY BY THOSE WHO ARE EMPLOYED.** If you currently have more than one job, the following questions refer to the **ONE THAT IS MOST IMPORTANT TO YOU.**

a) What is your present job title? (Use several words, e.g. Heavy Duty Diesel Mechanic, Accounting Clerk, Hospital Staff Nurse, etc.)

_____

b) Briefly describe your job duties. (Use several words)

_____

_____

c) What is the name of the business, government department, agency, etc. where you now work? (Use several words)

_____

d) What is your employer's (or yours if you are self-employed) main business, industry, or service? (Use several words, e.g. Automotive Repairs, Corporate Tax Auditing, Municpal General Hospital, etc.)

_____

e) Are you self-employed?

- ☐ 1. Yes
- ☐ 2. No

f) When did you start working at this job?

Year: 19 _____

Month: _____

g) How many hours per week do you usually work at this job?

_____ Hours

(IF LESS THAN 30 HOURS, COMPLETE h)
(IF 30 HOURS OR MORE, GO TO i)

h) Why do you usually work less than 30 hours per week at this job? (Mark one only)

- ☐ 1. Illness or disability
- ☐ 2. Personal or family responsibilities
- ☐ 3. Going to school
- ☐ 4. Could only find part-time work
- ☐ 5. Did not want full-time work
- ☐ 6. Other (Please Specify) _____

i) Was a particular diploma, certificate, or degree required in order for you to get this job?

- ☐ 1. Yes **(COMPLETE j)**
- ☐ 2. No **(GO TO k)**
- ☐ 3. Don't Know **(GO TO k)**

j) What diploma, certificate or degree was this?

- ☐ 1. Vocational Certificate
- ☐ 2. Journeyman Certificate
- ☐ 3. Completion of Apprenticeship Certificate
- ☐ 4. Hospital Based Nursing Diploma
- ☐ 5. College Diploma or Certificate
- ☐ 6. Technical Institute Diploma or Certificate
- ☐ 7. Bachelors Degree
- ☐ 8. Masters Degree
- ☐ 9. Earned Doctorate
- ☐ 10. Other (Please specify) _____

k) Was a particular **FIELD OF STUDY** (e.g. Heavy Duty Mechanics, Nursing, Business Administration, Statistics, Psychology, etc.) required in order for you to get this job?

- ☐ 1. Yes **(COMPLETE l)**
- ☐ 2. No **(GO TO m)**

l) What **FIELD OF STUDY** was this?

Field of Study: _____

m) How related is your job to the program from which you graduated in the 1985/86 school year?

- ☐ 1. Directly Related **(GO TO QUESTION 8)**
- ☐ 2. Somewhat Related **(GO TO QUESTION 8)**
- ☐ 3. Unrelated **(COMPLETE n)**

n) If your job is **UNRELATED** to the program from which you graduated in the 1985/86 school year, what is the main reason? (Mark one only)

- ☐ 1. Took further education/training in a different field since graduating.
- ☐ 2. No longer interested in work in that field.
- ☐ 3. Could not find a job related to that program.
- ☐ 4. Found a better paying job in another field.
- ☐ 5. Not sufficiently qualified for a job in that field.
- ☐ 6. Other (Please Specify) _____

GO TO QUESTION 8

---

6. TO BE ANSWERED ONLY BY THOSE WHO ARE CURRENTLY NOT EMPLOYED AND LOOKING FOR WORK.

a) What do you think is the **MAIN** reason you do not have a job. (Mark one only)

- ☐ 1. Jobs related to training are not available.
- ☐ 2. Suitable jobs are not available during this season.
- ☐ 3. Jobs are generally not available.
- ☐ 4. Available jobs do not pay well enough.
- ☐ 5. Suitable jobs are not available in this location.
- ☐ 6. Training is inadequate for available jobs.
- ☐ 7. Do not have enough experience.
- ☐ 8. Other (Please specify) _____

GO TO QUESTION 8

---

7. TO BE ANSWERED ONLY BY THOSE WHO ARE NOT EMPLOYED AND NOT LOOKING FOR WORK.

a) What is the **MAIN** reason that you are not looking for work now? (Mark one only)

- ☐ 1. Maintaining a household.
- ☐ 2. Attending school.
- ☐ 3. Illness or disability.
- ☐ 4. No longer interested in finding a job.
- ☐ 5. Layoff/waiting for a job to start.
- ☐ 6. Cannot find the kind of job wanted.
- ☐ 7. Discouraged with looking for a job.
- ☐ 8. No main reason.
- ☐ 9. Other (Please Specify) _____

GO TO QUESTION 8

---

8. a) In your current job (or your most recent job if you are currently not employed), did you receive any **INFORMAL TRAINING** from your employer? By **INFORMAL TRAINING** we mean training under **NORMAL WORK CONDITIONS** provided by **AN EXPERIENCED WORKER OR SUPERVISOR.**

__ 1. Yes
__ 2. No

b) In your current job (or your most recent job if you are currently not employed), did you receive any **FORMAL TRAINING** from your employer? By **FORMAL TRAINING** we mean training provided by **AN INSTRUCTOR, COMPUTER OR MANUAL** that has an **INDENTIFIABLE STRUCTURED PLAN** designed to **DEVELOP A WORKER'S SKILLS.**

__ 1. Yes **(COMPLETE c)**
__ 2. No **(GO TO QUESTION 9)**

c) In your current job (or your most recent job if you are currently not employed), which have you received more of, **FORMAL TRAINING** or **INFORMAL TRAINING**?

__ 1. Formal
__ 2. Informal

d) Please provide the information requested below on the **FORMAL TRAINING** you have received in your current job (or your most recent job if you are currently not employed).

(Spaces have been provided for up to four different instances of formal training. If you have received more formal training than this, please use additional paper.)

FORMAL TRAINING #1

i) If applicable, what was the name of the course or manual from which you received your formal training?

_____

_____

ii) Briefly describe the formal training that you received.

_____

_____

_____

iii) How many **HOURS, DAYS** or **MONTHS** was this formal training? (Mark one only)

1. _____ Hours 2. _____ Days 3. _____ Months

FORMAL TRAINING #2

i) If applicable, what was the name of the course or manual from which you received your formal training?

_____

_____

ii) Briefly describe the formal training that you received.

_____

_____

_____

iii) How many **HOURS, DAYS** or **MONTHS** was this formal training? (Mark one only)

1. _____ Hours 2. _____ Days 3. _____ Months

FORMAL TRAINING #3

i) If applicable, what was the name of the course or manual from which you received your formal training?

_____

_____

ii) Briefly describe the formal training that you received.

_____

_____

_____

iii) How many **HOURS, DAYS** or **MONTHS** was this formal training? (Mark one only)

1. ____ Hours 2. ____ Days 3. ____ Months

FORMAL TRAINING #4

i) If applicable, what was the name of the course or manual from which you received your formal training?

_____

_____

ii) Briefly describe the formal training that you received.

_____

_____

_____

iii) How many **HOURS, DAYS** or **MONTHS** was this formal training? (Mark one only)

1 ____ Hours 2. ____ Days 3. ____ Months

---

9. a) Are you currently an apprentice?

☐ 1. Yes

☐ 2. No

b) Have you ever completed an apprenticeship program?

☐ 1. Yes **(COMPLETE c)**

☐ 2. No **(GO TO d)**

c) In what month and year did you complete this apprenticeship program or programs?

1. Month: _____

Year: _____

2. Month: _____

Year: _____

3. Month: _____

Year: _____

d) Are you a certified journeyman?

☐ 1. Yes **(COMPLETE e)**

☐ 2. No **(GO TO QUESTION 10)**

e) In which trade or trades?

1. _____

2. _____

3. _____

10. a) Given your experiences since completing the program in 1985/86, would you have selected the same educational program, a different educational program, or no educational program? (Mark one only)

- ☐ 1. Same **(GO TO QUESTION 11)**
- ☐ 2. Different **(COMPLETE b)**
- ☐ 3. None **(GO TO QUESTION 11)**
- ☐ 4. Don't Know **(GO TO QUESTION 11)**

b) What kind of program would you have taken? (Mark one only)

- ☐ 1. University
- ☐ 2. A different College program
- ☐ 3. A different Technical Institute program
- ☐ 4. Other (Specify) _____
- ☐ 5. Don't Know

11. a) Since completing your program in 1985/86, have you **COMPLETED THE REQUIREMENTS** for any diplomas, certificates, or degrees?

- ☐ 1. Yes **(COMPLETE b)**
- ☐ 2. No **(GO TO QUESTION 12)**

b) What types of diplomas, certificates, or degrees were these? **(PLEASE CHECK ALL THAT APPLY)**	What was your **MAJOR FIELD OF STUDY?**	In what **MONTH** and **YEAR** did you complete these requirements?
☐ Vocational Certificate	_____	Month: _____
	_____	Year: _____
	_____	
☐ Hospital Based Nursing Program	_____	Month: _____
	_____	Year: _____
	_____	
☐ College Diploma or Certificate	_____	Month: _____
	_____	Year: _____
	_____	
☐ Technical Institute	_____	Month: _____
Diploma or Certificate	_____	Year: _____
	_____	
☐ Bachelor Degree	_____	Month: _____
	_____	Year: _____
	_____	
☐ Master Degree	_____	Month: _____
	_____	Year: _____
	_____	
☐ Earned Doctorate	_____	Month: _____
	_____	Year: _____
☐ Other (Please Specify)	_____	Month: _____
_____	_____	Year: _____

12. a) Are you currently enrolled at any college, technical institute or university in a program leading to a degree, diploma or certificate?

- ☐ 1. Yes **(COMPLETE 12b THROUGH 12e)**
- ☐ 2. No **(GO TO QUESTION 13)**

b) What diploma, certificate or degree will this lead to?

- ☐ 1. Vocational Certificate
- ☐ 2. Hospital Based Nursing Diploma
- ☐ 3. College Diploma or Certificate
- ☐ 4. Technical Institute Diploma or Certificate
- ☐ 5. Bachelors Degree
- ☐ 6. Masters Degree
- ☐ 7. Earned Doctorate
- ☐ 8. Other (Please Specify) _____

c) What is your **MAJOR FIELD OF STUDY** (Heavy Duty Mechanics, Business Administration, Nursing, Statistics, Psychology, etc.) and if applicable, what is your **SPECIALIZATION** (Accounting, Obstetrics) in that field of study?

Field of Study: _____

Specialization: _____

d) Are you enrolled as a full-time student?

- ☐ 1. Yes
- ☐ 2. No

e) What is the name of the college, technical institute or university at which you are enrolled?

_____

THE NEXT AND FINAL TWO QUESTIONS RELATE TO EARNINGS AND INCOME. WE ENCOURAGE YOU TO COMPLETE THESE AND REMIND YOU THAT THIS INFORMATION IS KEPT CONFIDENTIAL. IT IS USED ONLY AT AN AVERAGE AGGREGATE LEVEL SUCH AS THAT PRESENTED IN THE PROGRAM SHEET ENCLOSED WITH THIS SURVEY. THIS FINANCIAL INFORMATION HAS BEEN MOST VALUABLE IN ASSISTING STUDENTS.

13. What are your **MONTHLY EARNINGS FROM YOUR CURRENT JOB**, before deductions. (Or most important job if you have more than one.)

$ _____ per month (if not fixed please estimate)

14. What was your **TOTAL PERSONAL INCOME FROM ALL SOURCES BEFORE DEDUCTIONS** in 1990?

- ☐ 1. Less than $15,000
- ☐ 2. $15,000 - $25,000
- ☐ 3. $26,000 - $35,000
- ☐ 4. $36,000 - $45,000
- ☐ 5. More than $45,000
- ☐ 6. No income

In the event that we may wish to contact you in the future, we would appreciate it if you would provide the following information.

Where do you currently reside?

Address: _____

_____

Village/City/Town: _____

Province: _____

Postal Code: _____

Telephone Number: _____

Additional Comments:

_____

_____

_____

_____

_____

WE APPRECIATE YOUR COOPERATION VERY MUCH AND ASSURE YOU THAT THE RESULTS WILL BE WELL UTILIZED TO ASSIST FUTURE AND CURRENT STUDENTS AND WORKERS. THANK YOU.

Appendix C

Reliability and Limitations of Results

Confidence Level Estimates

Confidence levels were calculated from population response rates - that is, the number of respondents as a percentage of the 1985/86 graduating class. This ensured that the data reported in this document described the entire 1985/86 graduating class (8101), and not merely the subset of graduates re-surveyed in 1991 (6337).

As shown in Table 1, the number of respondents as a percentage of the 1985/86 graduating class was 48 percent. The results therefore provide for an overall confidence level in excess of 95% plus or minus 1.15%. This means that 95 times out of 100, the estimated proportion will not be more than 1.15 percent higher or 1.15 percent lower than the proportion that would have been obtained if every member of the population had provided responses. For example, the unemployment rate for all graduates was **4** percent. Therefore, 95 times out of 100, the actual unemployment rate would fall between **2.85** and **5.15** percent.

The population response rates for the eleven major fields of study ranged from 41 percent to 57 percent (Table 1). These rates produced confidence intervals of at least 95% plus or minus 6% for proportions within the major fields of study.

Table 1
Major Field of Study - Populations Summary

Major Field of Study	1985/86 Population	1991 Subset	Survey Resp.	Survey Resp. as % of 1991 Subset	Survey Resp. as % of Population
Arts, Humanities	727	568	319	56.2	43.9
Health Services	859	642	404	62.9	47.0
Engineers & Applied Science	1068	844	560	66.4	52.4
Computing Science	216	174	115	66.1	53.2
Construction/Fabrication/Repair	916	711	456	64.1	49.8
Agriculture & Related	419	336	237	70.5	56.6
Resource Technology	422	342	215	62.9	50.9
Social Sciences/Services	1194	938	500	53.3	41.2
Secretarial/Clerical	861	692	461	66.6	53.5
Management & Administration	1025	804	462	57.5	45.0
Sales & Service	394	286	166	58.0	42.1
Total	**8101**	**6337**	**3895**	**61.5**	**48.1**

A minimum confidence level of 90% plus or minus 15% was set for each program.[1] This means that nine times out of ten, the estimated proportion will not be more than fifteen percent higher or fifteen percent lower than the proportion that would have been reported if every graduate in a given program had provided reponses.

Table 2 on the following page shows the reliability ratings for the 86 programs reported on in Section 3.0. The following classifications were employed:

[1] Some programs with low response rates were combined to ensure greater reliability.

Very High Reliability:	95% +/- 5% confidence level or higher.
High Reliability:	90% +/- 10% to less than 95% +/- 5% confidence level.
Medium Reliability:	90% +/- 15% to less than 90% +/- 10% confidence level.
Caution:	Reliability less than 90% +/- 15%, or program had fewer than 10 respondents.

As indicated in Table 2, of the 86 programs, 3 received a reliability rating of **very high**, 61 received a reliability rating of **high**, 19 received a reliability rating of **medium**, and 3 received a reliability rating of **caution**.

Table 2
Confidence Levels Summary Table

CCSIS Number	Program Name	# of 1985/86 Grads	# of 1991 Resps.	Reliability Rating
	Management & Administration 1*	59	24	High
	Applied Arts 1*	193	53	High
	Service Industry Technologies 1*	60	24	High
	Nursing 1*	38	15	Medium
	Chemical or Electrical/Electronic Technologies 1*	57	18	Medium
	Diagnostic & Treatment Medical Technologies 1*	63	20	Medium
	Engineering Technologies 1*	185	83	High
	Social Services 1*	140	44	High
10000	Arts & Science	19	7	Caution
21000	Fine Arts	40	28	High
21200	Sculpture & Painting	17	11	High
23100	Photography	20	11	Medium
23500	Other Graphic & Audio Visual Arts	83	28	Medium
24400	Fashion Arts	25	15	High
25100	Barbering & Hairstyling	46	20	Medium
26200	Radio & T.V. Broadcasting	116	68	High
26300	Other Mass Communication Studies	78	39	High
31000	Journalism	46	20	Medium
32100	Library/Documentation Sciences	44	19	Medium
41100	Diploma Nursing	269	108	High
41700	Other Specialized Nursing	30	16	Medium
42100	Emergency Para-Medical Technologies	38	23	High
42300	Medical Lab Technologies	96	47	High
42400	X-Ray/Nuclear Medicine Technologies	54	19	Medium
42500	Combined Laboratory & X-Ray Technologies	18	13	High
42700	Dental Hygiene/Assistant Technologies	121	66	High
43100	Dental Appliances	24	15	High
44100	Dietetic/Dietary Technologies	46	28	High
44500	Biological Sciences/Technologies	62	34	High
51100	Chemical Engineering Technologies	39	20	High

CCSIS Number	Program Name	# of 1985/86 Grads	# of 1991 Resps.	Reliability Rating
52100	Electrical/Electronic Engineering Technologies	53	40	High
52110	Electrical	104	59	High
52120	Electronics	241	125	High
52540	Other Telecommunications/Electronics	107	65	High
53220	Computer Science/System Design & Analysis	216	115	High
54110	Aviation & Flight Technologies	28	16	High
55110	Civil Technologies	109	44	High
55111	Road Construction	63	28	High
55120	Surveying	47	18	Medium
55131	Engineering Design & Drafting	133	74	High
55140	Instrumentation	74	39	High
55180	Other Engineering Technologies N.E.C	23	14	Medium
55210	Agricultural Equipment Mechanics	69	57	Very High
55220	Aircraft Engineering	39	15	Medium
55231	Auto Engineering	85	45	High
55250	Heavy Equipment Mechanics	108	42	High
55260	Small Engine Mechanics	40	20	High
55270	Other Mechanical Engineering Technology	126	66	High
55272	Plant Operator & Related	122	60	High
55310	Architectural Design/Drafting Technologies	126	57	High
55560	Other Industrial Engineering Technologies	16	11	High
61200	Agricultural Technology/Science/Eng	100	64	High
61520	Crops & Horticulture	63	32	High
61530	Landscaping	39	22	High
61600	Animal Science	87	49	High
61660	Equine Studies/Horse Husbandry	27	12	Caution
61700	Other Agricultural Technologies N.E.C.	42	28	High
63100	Forestry Technologies	50	34	High
63500	Petroleum Resources Technologies	130	60	High
65420	Meat Processing	61	30	High
67100	Environmental Control/Protection Technologies	158	81	High
67200	Land Resources Technologies	39	19	Medium
67300	Wildlife & Forest Conservation Technologies	28	16	Medium
67400	Water Science Technologies	17	5	Caution
71100	Correctional Technologies	100	35	High
71300	Police Technology/Criminology	96	44	High
71420	Security	64	25	High
72400	Care of the Disabled	138	42	High
72600	Social Services/Welfare Technologies	152	53	High
73100	Recreation Leadership/Leisure Services	39	19	High
73200	Physical Education Instruction	30	16	Medium
73320	Travel Counsellor/Agent	81	42	High
74210	Education/Early Childhood	295	150	High
74230	Teacher's Aide/Educational Support	59	30	High
81100	Secretary/General	682	375	Very High
81210	Legal Secretary/Law Clerk	89	38	High
81310	Health Records Technology	28	18	High
81320	Medical Secretary	32	15	Medium
81700	Bank Teller	30	15	Medium

CCSIS Number	Program Name	# of 1985/86 Grads	# of 1991 Resps.	Reliability Rating
82100	Business Management & Administration	579	254	Very High
82210	Accounting	255	119	High
82260	Other Financial Management	53	29	High
82420	Hotel/Restaurant/Resort Management	25	13	High
82430	Other Institutional Management	54	23	High
83000	Merchandising & Sales	169	80	High
84112	Cooking	165	62	High

* See Appendix A for the CCSIS programs that comprised each of these categories.

Appendix D

Institutional Programs and CCSIS Classifications

To enable the province-wide comparison of programs presented in Section 3.0, individual programs from institutions were classified according to the Community College Student Information (CCSIS) coding system. CCSIS was designed by Statistics Canada and is a nationally accepted system of identifying and organizing college and technical institute educational programs.

Table 1 translates each college and technical institute program included in the survey into its corresponding CCSIS classification. The first column contains an abbreviation for the program as it was known in the college or technical institute. The second column contains the number of graduates for the program in 1985/86. The third column indicates the CCSIS number and the fourth column provides the CCSIS classification title for that program of study.

TABLE 1

INSTITUTIONAL PROGRAMS AND CCSIS CLASSIFICATIONS

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
ALBERTA COLLEGE OF ART			
CERAMICS	4	21300	HANDICRAFTS
DRAWING	6	21000	FINE ARTS
GLASS	1	21300	HANDICRAFTS
JEWELLERY	2	21300	HANDICRAFTS
PAINTING	22	21000	FINE ARTS
PHOTOGRAPHY	8	23100	PHOTOGRAPHY
PRINT MAKING	7	21000	FINE ARTS
SCULPTURE	5	21000	FINE ARTS
TEXTILES	3	21300	HANDICRAFTS
VISUAL COMMUNICATION	33	23500	OTHER GRAPHIC/AUDIO VIS. ARTS
FAIRVIEW COLLEGE			
AGRIBUSINESS	2	61200	AGRIC. TECH/SC./ENG.
AGRICULTURE PRODUCTION TECHNOL.	13	61200	AGRIC. TECH/SC./ENG.
ANIMAL HEALTH TECHNOLOGY	25	61600	ANIMAL SCIENCE
BEEKEEPER TECHNICIAN	5	61600	ANIMAL SCIENCE
BUSINESS CERTIFICATE	13	82100	BUSINESS MAN. AND ADMIN.
BUSINESS DIPLOMA	5	82100	BUSINESS MAN. AND ADMIN.
CLERK-TYPIST	12	81100	SECRETARY, GENERAL
HEAVY DUTY MECHANICS	8	55250	HEAVY EQUIPMENT MECHANICS
HEAVY DUTY/AGRICULTURAL MECH.	5	55250	HEAVY EQUIPMENT MECHANICS
MOTORCYCLE MECHANICS	20	55260	SMALL ENGINE MECHANICS
SECRETARIAL CERTIFICATE	29	81210	LEGAL SECRETARY/ LAW CLERK
TURFGRASS MANAGEMENT TECHNOL.	19	61530	LANDSCAPING
GRANDE PRAIRIE REGIONAL COLLEGE			
ADMINISTRATION	3	82100	BUSINESS MAN. AND ADMIN.
AUTOM MECHANIC	11	55231	AUTO MECHANICS
BUSINESS ADMINISTRATION	57	82100	BUSINESS MAN. AND ADMIN.
COMP. SYS. TECHNOLOGY	9	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
EARLY CHILDHOOD	29	74210	EDUCATION-EARLY CHILDHOOD
HEAVY DUTY MECHANIC	19	55250	HEAVY EQUIPMENT MECHANICS
MILLWRIGHT	11	55251	MILLWRIGHT
NURSING	14	41100	NURSING DIPLOMA
OFFICE ADMINISTRATION	50	81100	SECRETARY, GENERAL
OFFICE ADMIN. INTENSIVE	9	81100	SECRETARY, GENERAL
PLANT OPERATOR	18	55272	PLANT OPERATOR & RELATED
VIS. & PERF. ARTS	17	21200	SCULPTURE AND PAINTING
GRANT MACEWAN COMMUNITY COLLEGE			
ACCOUNTING	30	82210	ACCOUNTING
ADVERTISING & PUBLIC RELA.	34	22100	ADVERTISING
APPLIED RESEARCH	4	76900	OTHER SOCIAL SCIENCES

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
ARTS ADMINISTRATION	20	82900	OTHER MANGT. & ADMINISTRATION
AUDIO VISUAL TECHNICIAN	1	74230	TEACHERS AIDE/EDUC. SUPPORT
BUSINESS ADMINISTRATION	4	82100	BUSINESS MAN. AND ADMIN.
CHILD CARE WORKER	27	72100	CHILD CARE SERVICES
CHILD CARE WORKER -B.Q.	7	72100	CHILD CARE SERVICES
CORR SERVCS-SOL GENERAL	34	71100	CORRECTIONAL TECH.
CORRECTIONAL SERVICES	20	71100	CORRECTIONAL TECH.
DANCE	8	21110	DANCE
DANCE TEACHER TRAINING	7	21110	DANCE
EARLY CHILDHOOD DEVELOP.	58	74210	EDUCATION-EARLY CHILDHOOD
EARLY CHILDHOOD-PEC.	7	74210	EDUCATION-EARLY CHILDHOOD
EARLY CHILDHOOD-YREC.	2	74210	EDUCATION-EARLY CHILDHOOD
EXTENDED CARE NURSING	10	41700	OTHER SPECIALIZED NURSING
GENERAL ADMINISTRATION	4	82100	BUSINESS MAN. AND ADMIN.
GENERAL ARTS & SCIENCE	15	10000	ARTS AND SCIENCES
INSURANCE ADMINISTRATION	6	83000	MERCHANDISING & SALES
JOURNALISM	14	31000	JOURNALISM
LAW ENFORCEMENT	41	71300	POLICE TECH./CRIMINOLOGY
LEGAL ASSISTANT	15	81210	LEGAL SECRETARY/ LAW CLERK
LIBRARY TECHNICIAN	21	32100	LIBRARY/DOCUMENTATION SCI.
MANAGEMENT STUDIES	68	82100	BUSINESS MAN. AND ADMIN.
MICROCOMPUTER MANAGEMENT	23	82300	INDUSTRIAL MANAGEMENT
MUSIC	33	21120	MUSIC
NATIVE COMMUNICATIONS	20	75200	COMMUNICATION SKILLS DEVP.
NURSING	36	41100	NURSING DIPLOMA
OCC HEALTH - CALGARY	7	41500	PUBLIC HEALTH NURSING
OCC HEALTH - REDEVELOPMT.	1	41500	PUBLIC HEALTH NURSING
OCCUPATIONAL HEALTH	18	41500	PUBLIC HEALTH NURSING
REHAB PRACTITIONER	43	72400	CARE OF THE DISABLED
SECRETARIAL SCIENCES	1	81100	SECRETARY, GENERAL
SECRETARIAL STUDIES	49	81100	SECRETARY, GENERAL
SOCIAL SERVICES WORKER	61	72600	SOCIAL SERVICES /WELFARE TECH.
SOCIAL SERVICES-BLUE QU.	8	72600	SOCIAL SERVICES /WELFARE TECH.
SUPPLEMENTARY NURSING	20	41700	OTHER SPECIALIZED NURSING
TEACHER AIDE	32	74230	TEACHERS AIDE/EDUC. SUPPORT
THEATRE ARTS	3	21130	DRAMA
THEATRE PRODUCTION	11	21130	DRAMA
TRAVEL CONSULTANT	52	73320	TRAVEL COUNSELLOR/AGENT
VISUAL ART	26	23500	OTHER GRAPHIC/AUDIO VIS. ARTS
VISUAL COMMUNICATION	45	26300	OTHER MASS COMMUNICATIONS ST.
VOLUNTEER MANAGEMENT	6	82900	OTHER MANGT. & ADMINISTRATION
KEYANO COLLEGE			
BUSINESS ADMINISTRATION	11	82100	BUSINESS MAN. AND ADMIN.
BUSINESS EDUCATION	52	81100	SECRETARY, GENERAL
EARLY CHILDHOOD DEVELOPMT.	14	74210	EDUCATION-EARLY CHILDHOOD
NEW COMM COOK(TERM2)	14	84112	COOKING
NEW TRANSPORT DRIVER	63	55111	ROAD CONSTRUCTION
NURSING RN DIPLOMA	17	41100	NURSING DIPLOMA
ROADBLDG EQUIP OPERATOR	7	55250	HEAVY EQUIPMENT MECHANICS

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
LAKELAND COLLEGE			
ACCOUNTING MAJOR	11	82210	ACCOUNTING
AGRICULTURAL MACHINERY MAJ.	4	55210	AGRIC. EQUIPMENT MECHANIC
AGRICULTURAL SYSTEMS MAJOR	2	55210	AGRIC. EQUIPMENT MECHANIC
AGRI-BUSINESS MAJOR	4	61200	AGRIC. TECH/SC./ENG.
ANIMAL HEALTH TECHNICIAN	10	61600	ANIMAL SCIENCE
APPRAISAL & ASSESSMENT MAJ.	10	82230	ASSESSMENT/APPRAISAL
CONSERVATION & RECLAMATION	9	67300	WILDFIRE /FOREST CONSVR. TECH
CROPS AND MACHINERY MAJOR	7	55210	AGRIC. EQUIPMENT MECHANIC
DATA PROCESSING MAJOR	3	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
DRAFTING TECHNOLOGY	4	55131	ENGR. DESIGN AND DRAFTING
EARLY CHILDHOOD DEVELOPMENT	25	74210	EDUCATION-EARLY CHILDHOOD
FISH & WILDLIFE MAJOR	19	67300	WILDFIRE /FOREST CONSVR. TECH
GENERAL AGRICULTURAL	2	61200	AGRIC. TECH/SC./ENG.
HEAVY OIL OPERATIONS TECH.	73	55272	PLANT OPERATOR & RELATED
HEAVY OIL OPERATIONS TECH.	1	55272	PLANT OPERATOR & RELATED
HERD HEALTH TECHNICIAN MAJ.	5	61600	ANIMAL SCIENCE
INTERIOR DESIGN TECHNOLOGY	9	24500	INTERIOR DECORATING
LIVESTOCK MAJOR	2	61200	AGRIC. TECH/SC./ENG.
MANAGEMENT MAJOR	16	82100	BUSINESS MAN. AND ADMIN.
PARKS & RECREATION MAJOR	12	73340	PARKS/FORESTS/WILDLIFE RECR.
SECRETARIAL ARTS	54	81100	SECRETARY, GENERAL
WESTERN HORSEMANSHIP MAJOR	6	61600	ANIMAL SCIENCE
LETHBRIDGE COMMUNITY COLLEGE			
AGRIC (ANIMAL PROD)	1	61200	AGRIC. TECH/SC./ENG.
AGRIC (CROP PROD)	1	61200	AGRIC. TECH/SC./ENG.
AGRIC (FARM FIN MGMT)	1	61200	AGRIC. TECH/SC./ENG.
AGRIC (IRRIG)	2	61200	AGRIC. TECH/SC./ENG.
AGRICULTURAL MECHANICS	8	55210	AGRIC. EQUIPMENT MECHANIC
AGRICULTURAL TECHNOLOGY	33	61200	AGRIC. TECH/SC./ENG.
AUTOMOTIVES	32	55231	AUTO MECHANICS
BUS ADMIN (DATA PROC)	1	82100	BUSINESS MAN. AND ADMIN.
BUS ADMIN (MGMT)	3	82100	BUSINESS MAN. AND ADMIN.
BUSINESS ADMINISTRATION	71	82100	BUSINESS MAN. AND ADMIN.
CHEF TRAINING	9	84112	COOKING
CHILD YOUTH CARE	11	72100	CHILD CARE SERVICES
CIVIL ENG TECH (CONSTR & MNG)	9	55110	CIVIL TECH.
CIVIL ENG TECH (MUNIC & H2O)	13	55110	CIVIL TECH.
COMMUNIC ARTS (BRDCST JOUR)	10	26300	OTHER MASS COMMUNICATIONS ST.
COMMUNIC ARTS (BRDCST PROD)	7	26300	OTHER MASS COMMUNICATIONS ST.
COMMUNIC ARTS (PRINT JOUR)	8	26300	OTHER MASS COMMUNICATIONS ST.
COMMUNIC ARTS (PUBLIC REL)	8	26300	OTHER MASS COMMUNICATIONS ST.
COMPUTER SCIENCE	12	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
COOKING	7	84112	COOKING
DRAFTING TECHNICIAN	3	55131	ENGR. DESIGN AND DRAFTING
DRAFTING TECHNOLOGY	14	55131	ENGR. DESIGN AND DRAFTING
EARLY CHILD EDUCATION	8	74210	EDUCATION-EARLY CHILDHOOD
ELECTRONIC TECHNICIAN	10	52100	ELECTRICAL/ELECTRONIC TECH.
ELECTRONIC TECHNOLOGY	29	52100	ELECTRICAL/ELECTRONIC TECH.

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
LAW ENFORCEMENT	58	71420	SECURITY
MEAT CUTTING	14	65420	MEAT PROCESSING
NURSING DIPLOMA	49	41100	NURSING DIPLOMA
PROFESSIONAL COOKING	13	84112	COOKING
REC MGMT (ADMIN)	3	82430	OTHER INSTITUTIONAL MANG.
REC MGMT (FACILITIES)	2	82430	OTHER INSTITUTIONAL MANG.
REC MGMT (PROGRAMMING)	5	82430	OTHER INSTITUTIONAL MANG.
REC MGMT (THERAPEUTIC)	9	82430	OTHER INSTITUTIONAL MANG.
REHAB SERVICES	14	72400	CARE OF THE DISABLED
REN RES (ENFORCEMENT)	30	67100	ENVIRO.& CONTROL/PROTECT. TECH.
REN RES (GENERAL)	23	67100	ENVIRO.& CONTROL/PROTECT. TECH.
REN RES (PARKS)	22	67100	ENVIRO.& CONTROL/PROTECT. TECH.
REN RES (SPECIAL DIPL)	5	67100	ENVIRO.& CONTROL/PROTECT. TECH.
REN RES (WATERSHED)	9	67100	ENVIRO.& CONTROL/PROTECT. TECH.
SECRETARIAL (ONE YEAR)	40	81100	SECRETARY, GENERAL
SECRETARIAL (TWO YEAR)	24	81100	SECRETARY, GENERAL
SECURITY (RET-INDUST)	6	71420	SECURITY
MEDICINE HAT COLLEGE			
BUSINESS ADMIN.	50	82100	BUSINESS MAN. AND ADMIN.
COMP. AID. DRAFT.	1	55131	ENGR. DESIGN AND DRAFTING
EARLY CHILDHOOD	1	74210	EDUCATION-EARLY CHILDHOOD
EARLY CHILDHOOD DEVELOP.	20	74210	EDUCATION-EARLY CHILDHOOD
MICROCOMPUTER	10	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
NURSING	27	41100	NURSING DIPLOMA
OFFICE TECHNOLOGY	42	81100	SECRETARY, GENERAL
REHAB. PRACTITIONER	7	72400	CARE OF THE DISABLED
SOFTWARE ENGINEERING	8	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
TRAVEL CONSULTANT	18	73320	TRAVEL COUNSELLOR/AGENT
VISUAL COMMUNICATIONS	10	23500	OTHER GRAPHIC/AUDIO VIS. ARTS
MOUNT ROYAL COLLEGE			
APPLIED SOCIAL SCIENCE	1	76900	OTHER SOCIAL SCIENCES
APPLIED SOCIAL SCIENCES	8	76900	OTHER SOCIAL SCIENCES
AVIATION	18	54110	AVIATION AND FLIGHT TECH.
BROADCASTING	18	26200	RADIO/T.V. BROADCASTING
BUSINESS ADMINISTRATION	103	82100	BUSINESS MAN. AND ADMIN.
BUSINESS ADMINISTRATION - MNG.	2	82100	BUSINESS MAN. AND ADMIN.
CHILD CARE WORKER	15	72100	CHILD CARE SERVICES
COMMUNITY AND REGIONAL PLAN.	2	76900	OTHER SOCIAL SCIENCES
COMMUN. AND REGIONAL PLAN.	2	76900	OTHER SOCIAL SCIENCES
COMPUTER SCIENCE	25	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
COMPUTING SCIENCE	25	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
EARLY CHILDHOOD EDUCATION	51	74210	EDUCATION-EARLY CHILDHOOD
EARLY CHILDHOOD ED. & DEV.	36	74210	EDUCATION-EARLY CHILDHOOD
EARLY CHILD. ED. & DEVELOP.	5	74210	EDUCATION-EARLY CHILDHOOD
ENGINEERING	1	55180	OTHER ENGINERING GENERAL
ENVIRONMENTAL QUALITY CONTROL	6	67100	ENVIRO.& CONTROL/PROTECT. TECH.
ENVIRON. QUALITY CONTROL	4	67100	ENVIRO.& CONTROL/PROTECT. TECH.
GENERAL ARTS AND SCIENCE	2	10000	ARTS AND SCIENCES

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
GENERAL ARTS & SCIENCE	2	10000	ARTS AND SCIENCES
INTERIOR DESIGN	25	24500	INTERIOR DECORATING
JOURNALISM	7	31000	JOURNALISM
JUSTICE ADMIN - CORR. OFFICER	9	71100	CORRECTIONAL TECH.
JUSTICE ADMIN - CORRECTIONS	8	71100	CORRECTIONAL TECH.
JUSTICE ADMIN - LAW ENFORCE	37	71300	POLICE TECH./CRIMINOLOGY
JUSTICE ADMIN - SECURITY	1	71300	POLICE TECH./CRIMINOLOGY
JUSTICE ADMINISTRATION	1	71300	POLICE TECH./CRIMINOLOGY
JUSTICE ADMIN. CORRECTIONS	17	71100	CORRECTIONAL TECH.
JUSTICE ADMIN. CORR. S.A.	12	71100	CORRECTIONAL TECH.
JUSTICE ADMIN. LAW ENFORC.	13	71300	POLICE TECH./CRIMINOLOGY
JUSTICE ADMIN. POLICE	3	71300	POLICE TECH./CRIMINOLOGY
LEISURE FACILITIES OPERATION	3	73100	RECR. LEADER/LEISURE SERVICE
LEISURE FACILITIES OPERATION	1	73100	RECR. LEADER/LEISURE SERVICE
LEISURE SERVICES - RECREATION	5	73100	RECR. LEADER/LEISURE SERVICE
LEISURE SERVICES - RECREATION	16	73100	RECR. LEADER/LEISURE SERVICE
LEIS. ED. - COMMUNITY RECRE.	1	73100	RECR. LEADER/LEISURE SERVICE
LEIS. SERV. (REC. MANAGE.)	7	73100	RECR. LEADER/LEISURE SERVICE
LEIS. SERV. (REC. THERAPY)	6	73100	RECR. LEADER/LEISURE SERVICE
MUSIC PERFORMANCE	4	21120	MUSIC
NURSING	64	41100	NURSING DIPLOMA
OCCUPATIONAL HYGIENE	8	67100	ENVIRO.& CONTROL/PROTECT. TECH.
PETROLEUM LAND MANAGEMENT	1	67200	LAND RESOURCES TECH.
PETROLEUM & MIN RES LAND MNG.	18	67200	LAND RESOURCES TECH.
PETR. & MIN. RES. LAND ADMIN.	8	67200	LAND RESOURCES TECH.
PHYSICAL EDUCATION	30	73200	PHYS. EDUCATION INSTRUCTION
POST BASIC MENTAL HEALTH	5	41400	PSYCH./MENTAL HEALTH NURSING
POST BASIC MENTAL HEALTH NURSE	7	41400	PSYCH./MENTAL HEALTH NURSING
PUBLIC ADMINISTRATION	3	82100	BUSINESS MAN. AND ADMIN.
PUBLIC RELATIONS	14	72900	OTHER COMMUNITY AND SOCIAL SERV.
REHABILITATION SERVICES	37	72400	CARE OF THE DISABLED
SECRETARIAL ARTS	58	81100	SECRETARY, GENERAL
SOCIAL SERVICE CAREERS	67	72600	SOCIAL SERVICES /WELFARE TECH.
THEATRE ARTS	7	21130	DRAMA
YOUTH DEVELOPMENT	2	72100	CHILD CARE SERVICES
N.A.I.T.			
ACCOUNTING	186	82210	ACCOUNTING
ADMINISTRATIVE MANAGEMENT	81	82100	BUSINESS MAN. AND ADMIN.
ADMINISTRATIVE SECRETARIAL	43	81100	SECRETARY, GENERAL
AIR CONDITIONING ENGINEERING	14	52100	ELECTRICAL/ELECTRONIC TECH.
ANIMAL HEALTH TECHNOLOGY	23	61600	ANIMAL SCIENCE
ARCHITECTURE TECHNOLOGY	94	55310	ARCHT. DESIGN/ DRAFTING TECH.
BASIC BANKING & BUSINESS	30	81700	BANK TELLER
BIOLOGICAL SCIENCES TECHNOL.	62	44500	BIOLOGICAL SCIENCES/TECH.
BUILDING CONSTRUCTION ENGIN.	34	55329	OTHER CONSTRUCTION/ BLDG. TECH.
CHEMICAL TECHNOLOGY	31	51100	CHEMICAL ENGR. TECH.
CIVIL ENGINEERING TECHNOLOGY	48	55110	CIVIL TECH.
COMBINED LAB + X-RAY	18	42500	COMBINED LAB/X-RAY TECH.
COMMERCIAL BAKING	20	84111	BAKING
COMMERCIAL COOKING	45	84112	COOKING

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
COMMERCIAL SIGNWRITING	15	22300	COMMERCIAL ARTS
COMPUTER SYSTEMS TECHNOLOGY	51	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
COURT REPORTING	13	81210	LEGAL SECRETARY/ LAW CLERK
DATA PROCESSING MACHINE OPE.	1	81210	LEGAL SECRETARY/ LAW CLERK
DENTAL ASSISTING	82	42700	DENTAL HYGIENE/ASSIST. TECH.
DENTAL LABORATORY TECHNOLOGY	11	43100	DENTAL APPLIANCES
DENTURIST TECHNOLOGY	13	43100	DENTAL APPLIANCES
DIESEL MECHANICS	48	55250	HEAVY EQUIPMENT MECHANICS
DIETARY TECHNOLOGY	23	44100	DIETETICS/DIETARY TECH.
EARTH RESOURCES TECHNOLOGY	51	67100	ENVIRO.& CONTROL/PROTECT. TECH.
ELECTRICAL ENGINEERING TECH.	37	52110	ELECTRICAL
ELECTRICAL ENG. (ACCELERAT.)	18	52110	ELECTRICAL
ELECTRONIC SERVICE TECHNICIAN	47	52120	ELECTRONICS
ELECTRONICS ENGINEERING TECH.	126	52120	ELECTRONICS
EMERGENCY MEDICAL TECHNOLOGY	15	42100	EMERGENCY PARA-MED. TECHNOLOGY
ENGINEERING DESIGN & DRAFTING	52	55131	ENGR. DESIGN AND DRAFTING
FINANCE	53	82260	OTHER FINANCIAL MANAGEMENT
FOREST TECHNOLOGY	50	63100	FORESTRY TECH
HEALTH RECORD TECHNOLOGY	16	81310	HEALTH RECORDS TECH.
HYDROCARBON ENGINEERING TECH.	23	63500	PETROLEUM RESOURCES TECH.
INDUSTRIAL HEAVY EQUIPMENT	21	55250	HEAVY EQUIPMENT MECHANICS
INSTRUMENTATION ENGINEERING	54	55140	INSTRUMENTATION
LADIES' HAIRSTYLING	34	25100	HAIRSTYLING
MACHINE SHOP TECHNICIAN	15	55550	MACHINIST
MARKETING MANAGEMENT	118	83000	MERCHANDISING & SALES
MATERIALS ENGINEERING TECHN.	14	55271	MATERIALS ENGR. TECH.
MECHANICAL INDUSTRIAL ENGIN.	30	55272	PLANT OPERATOR & RELATED
MEDICAL LABORATORY TECHNOL.	58	42300	MEDICAL LAB TECH.
MEDICAL TRANSCRIPTION	17	81320	MEDICAL SECRETARY
MEDICAL X-RAY TECHNOLOGY	54	42400	X-RAY/RADIOLOGY/NUCLR. MED TECH.
MEN'S HAIRSTYLING	12	25100	HAIRSTYLING
MILLWORK & CARPENTRY	30	55327	WOODWORKING/CARPENTRY
PHOTOGRAPHIC TECHNOLOGY	12	23100	PHOTOGRAPHY
PLASTICS ENGINEERING TECH.	17	51420	PLASTICS AND FIBERGLASS
PLUMBING TECHNICIAN	7	55329	OTHER CONSTRUCTION/ BLDG. TECH.
RADIO & TELEVISION ARTS	38	26200	RADIO/T.V. BROADCASTING
RESPIRATORY TECHNOLOGY	30	42900	OTHER DIAG./TRTMNT. MED TECH
RETAIL MEAT CUTTING	31	65420	MEAT PROCESSING
SECRETARIAL ARTS	105	81100	SECRETARY, GENERAL
SURVEYING TECHNOLOGY	32	55120	SURVEYING
TAILORING TECHNICIAN	15	24400	FASHION ARTS
TELECOMMUNICATION ENGINEER.	67	52540	OTHER TELECOM. ELECTRONICS
OLDS COLLEGE			
AGRICULTURAL BUSINESS-FINANCE	9	61200	AGRIC. TECH/SC./ENG.
AGRICULTURAL BUSINESS-GENERAL	1	61200	AGRIC. TECH/SC./ENG.
AGRICULTURAL MECHANICS-GEN.	7	55210	AGRIC. EQUIPMENT MECHANIC
AGRICULTURAL MECHANICS-TRADES	41	55210	AGRIC. EQUIPMENT MECHANIC
AGRICULT. ENGINEERING-TECH.	7	61200	AGRIC. TECH/SC./ENG.
AGRONOMY-AG. FERT. & CHEM.	2	61200	AGRIC. TECH/SC./ENG.
AGRONOMY-FIELD CORP MGT.	10	61520	CROPS AND HORTICULTURE

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
AGRONOMY-IRRIGATION	2	61520	CROPS AND HORTICULTURE
AGRONOMY-LAND RESOUR & CLAS.	6	67200	LAND RESOURCES TECH.
AG. PRODUCTION-CROP PRODUCT	6	61520	CROPS AND HORTICULTURE
AG. PRODUCTION-GENERAL PROD.	18	61200	AGRIC. TECH/SC./ENG.
AG. PRODUCTION-LIVESTOCK	26	61700	OTHER NATURAL SCIENCES
AG. PRODUCTION-PROD. MANAGMT.	2	61200	AGRIC. TECH/SC./ENG.
AG. PROD.-FARM & RANCH PROD.	16	61700	OTHER NATURAL SCIENCES
ANIMAL HEALTH TECHNOLOGY	13	61600	ANIMAL SCIENCE
COMMERCIAL FLORICULTURE	18	61520	CROPS AND HORTICULTURE
EQUINE MANAGEMENT	8	61660	EQUINE ST/HORSE HUSBANDRY
EQUINE STUDIES	19	61660	EQUINE ST/HORSE HUSBANDRY
FASHION MERCHANDISING-RETAIL	14	83000	MERCHANDISING & SALES
FASHION MERCHANDISING-SEWIN	10	24400	FASHION ARTS
HORTICULTURE - GENERAL PROD.	9	61520	CROPS AND HORTICULTURE
HORTICULTURE - GREENHOUSE P.	3	61520	CROPS AND HORTICULTURE
HORTICULTURE - TURF MANAGEMENT	6	61530	LANDSCAPING
HORTICULTURE - VEGETABLE	1	61520	CROPS AND HORTICULTURE
HORTICULTURE-GENERAL PROD.	8	61520	CROPS AND HORTICULTURE
HORTICULTURE-GREENHOUSE PROD.	4	61520	CROPS AND HORTICULTURE
HORTICULTURE-LANDSCAPE DESIGN	8	61530	LANDSCAPING
HORTICULTURE-LANDSCAPING	5	61530	LANDSCAPING
HORTICULTURE-TURF MANAGEMENT	1	61530	LANDSCAPING
LAND AGENT	6	67200	LAND RESOURCES TECH.
SECRETARIAL ARTS-CLERK/TYPIST	6	81100	SECRETARY, GENERAL
SECRETARIAL ARTS-DICTA-TYPIST	7	81100	SECRETARY, GENERAL
SECRETARIAL ARTS-SECRETARIAL	19	81100	SECRETARY, GENERAL
SECRETARIAL ARTS-STENO	18	81100	SECRETARY, GENERAL
SECRETARIAL REFRESHER	1	81100	SECRETARY, GENERAL
TRANSITIONAL/VOCATIONAL PRO.	15	74200	EDUCATION-HANDICAPPED
VEGETABLE PRODUCTION	2	61520	CROPS AND HORTICULTURE
RED DEER COLLEGE			
ART & DESIGN	3	22300	COMMERCIAL ARTS
BUSINESS ADMIN.	48	82100	BUSINESS MAN. AND ADMIN.
COMPUTER SYSTEMS TECH.	23	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
EARLY CHILDHOOD	39	74210	EDUCATION-EARLY CHILDHOOD
LEGAL ASSISTANT	31	81210	LEGAL SECRETARY/ LAW CLERK
MUSIC	11	21120	MUSIC
NURSING	62	41100	NURSING DIPLOMA
PHARMACY TECH.	33	42800	PHARMACY TECHNOLOGIES
REHAB. SERVICES	37	72400	CARE OF THE DISABLED
SECRETARIAL SCIENCE	23	81100	SECRETARY, GENERAL
SOCIAL SERVICE	16	72600	SOCIAL SERVICES /WELFARE TECH.
TEACHERS' AIDE	26	74230	TEACHERS AIDE/EDUC. SUPPORT
S.A.I.T.			
ADVERTISING SALES	13	22100	ADVERTISING
AERONAUTICAL ENG. TECH. -3RD YR.	13	55410	AERONAUTICAL ENGR. TECH.
AERONAUTICAL ENG. TECH. -2ND YR.	14	55410	AERONAUTICAL ENGR. TECH.
AIR CONDITIONING TECH.-2ND YR.	16	52110	ELECTRICAL

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
AIRCRAFT MAINTENANCE TECH.	28	55220	AIRCRAFT ENGINEERING
AIRCRAFT MAINT.TECH.- 2ND YR.	11	55220	AIRCRAFT ENGINEERING
ARCHITECTURAL TECHNOLOGY-2ND YR.	20	55310	ARCHT. DESIGN/ DRAFTING TECH.
AUTOMOTIVE SERVICE TECH.-2ND YR.	42	55231	AUTO MECHANICS
AVIONICS TECHNOLOGY - 2ND YR.	10	54110	AVIATION AND FLIGHT TECH.
BROADCAST ELECTRONIC TECH.2ND YR.	8	52510	RADIO AND T.V.
BUILDING DEVELOPMENT TECH-2ND YR.	12	55310	ARCHT. DESIGN/ DRAFTING TECH.
BUSINESS ADMINISTRATION - 2ND YR.	36	82100	BUSINESS MAN. AND ADMIN.
BUSINESS ADMINISTRATION - 2ND YR.	31	83000	MERCHANDISING & SALES
BUSINESS ADMINISTRATION - 2ND YR.	28	82210	ACCOUNTING
CHEMICAL ENGINEERING TECH.2ND YR.	8	51100	CHEMICAL ENGR. TECH.
CHEMICAL TECHNOLOGY - 2ND YR.	22	51000	CHEMICAL TECHNOLOGIES
CINEMA, TEL., STAGE & RADIO	60	26200	RADIO/T.V. BROADCASTING
CIVIL ENGINEERING TECH. - 2ND YR.	39	55110	CIVIL TECH.
COMMERCIAL BAKING	21	84111	BAKING
COMPUTER TECHNOLOGY - 2ND YR.	50	53220	COMP.SCI. SYS. DESIGN/ANALYSIS
DENTAL ASSISTING - AUGUST	19	42700	DENTAL HYGIENE/ASSIST. TECH.
DENTAL ASSISTING - NOVEMBER	20	42700	DENTAL HYGIENE/ASSIST. TECH.
DIESEL MECHANICS	67	55270	OTHER MECHANICAL ENGR. TECH.
DIETARY SERVICE TECHNOLOGY	23	44100	DIETETICS/DIETARY TECH.
ELECTRICAL ENGINEERING TECH	33	52110	ELECTRICAL
ELECTRONICS ENGINEERING TECH.	27	52120	ELECTRONICS
ELECTRONICS TECHNOLOGIES 1ST YR.	1	52120	ELECTRONICS
ELEC.ENG.TECH.PROG.FOR ELECT.	6	52120	ELECTRONICS
EMERGENCY MED.TECH.-PARAMED.	23	42100	EMERGENCY PARA-MED. TECHNOLOGY
ENGINEERING DRAFTING TECH.	44	55131	ENGR. DESIGN AND DRAFTING
ENGINEERING SCIENCE TECH. 1ST YR.	2	55180	OTHER ENGINERING GENERAL
ENGINEERING SCIENCE TECH. 2ND YR.	20	55180	OTHER ENGINERING GENERAL
GRAPHIC ARTS - 2ND YEAR	14	23500	OTHER GRAPHIC/AUDIO VIS. ARTS
HEALTH RECORD TECHNICIAN	12	81310	HEALTH RECORDS TECH.
HOTEL & RESTAURANT ADMIN. 2ND YR.	25	82420	HOTEL/RESTAURANT/RESORT MANGT.
INDUSTRIAL ELECTRONIC TECH.	34	52120	ELECTRONICS
INDUSTRIAL ENGINEERING TECH.	16	55560	OTHER INDUSTRIAL ENGR.TECH
INDUST.INSTRUMENTATION TECH	20	55140	INSTRUMENTATION
JOURNALISM ARTS - 2ND YEAR	25	31000	JOURNALISM
LIBRARY & INFORMATION TECH.	23	32100	LIBRARY/DOCUMENTATION SCI.
MECHANICAL ENGINEERING TECH.	29	55270	OTHER MECHANICAL ENGR. TECH.
MEDICAL LABORATORY TECH.	38	42300	MEDICAL LAB TECH.
MEDICAL TRANSCRIPTION	15	81320	MEDICAL SECRETARY
PETROLEUM TECHNOLOGY - 2ND YR.	37	63500	PETROLEUM RESOURCES TECH.
PETROLEUM TECH. (DRILLING)	31	63500	PETROLEUM RESOURCES TECH.
PETROLEUM TECH. (GEOLOGY)	13	63500	PETROLEUM RESOURCES TECH.
PETROLEUM TECH. (RESERVOIR)	26	63500	PETROLEUM RESOURCES TECH.
PHOTOGRAMMETRY 2ND YEAR	3	55120	SURVEYING
POWER ENGINEERING TECHNOLOG.	30	55270	OTHER MECHANICAL ENGR. TECH.
PROCESS OPERATIONS	16	55510	INDUSTRIAL DESIGN/OPERATIONS TEC
PROCESS PIPE DRAFTING	15	55131	ENGR. DESIGN AND DRAFTING
PROFESSIONAL COOKING - 2ND YR.	25	84112	COOKING
PROF. COOKING 1ST YEAR RETURN	27	84112	COOKING
PROF.COOKING 2ND YEAR RETURN	25	84112	COOKING
PROF.REST.SERV.-BASIC SERV.	19	84120	FOOD SERVING
RECREATION FAC.OPER. & MAINT.	35	82430	OTHER INSTITUTIONAL MANG.

INSTITUTION NAME FOR PROGRAM	1985/86 GRADS	CCSIS NUMBER	CCSIS CLASSIFICATION
RETAIL MEAT CUTTING - JAN.	10	65420	MEAT PROCESSING
RETAIL MEAT CUTTING - SEPT.	6	65420	MEAT PROCESSING
SECRETARIAL ARTS - 2ND YEAR	38	81100	SECRETARY, GENERAL
SMALL ENGINE MECHANICS - JAN.	5	55260	SMALL ENGINE MECHANICS
SMALL ENGINE MECHANICS - OCT.	15	55260	SMALL ENGINE MECHANICS
SURVEYING TECHNOLOGY - 2ND YR.	12	55120	SURVEYING
TELECOMMUNICATIONS TECH.	40	52540	OTHER TELECOM. ELECTRONICS
TRAVEL COUNSELLING - 1ST YR.	1	73320	TRAVEL COUNSELLOR/AGENT
TRAVEL COUNSELLING - 2ND YR.	10	73320	TRAVEL COUNSELLOR/AGENT
WELDING ENGINEERING TECH.	31	55350	WELDING TECHNOLOGIES
WESTERRA			
ADMINISTRATIVE ASSISTANT	14	81100	SECRETARY, GENERAL
CLERK-TYPIST	17	81100	SECRETARY, GENERAL
WATER & WASTEWATER	17	67400	WATER SCIENCE TECHNOLOGY
TOTAL GRADS	8101		

Appendix E

Institutional Programs Recoded into Major Fields of Study

For the purpose of analysis in Section 2.0 of this report, every program from each institution was recoded into one of eleven major fields of study. Table 1 outlines the recoding of each college and technical institute program listed in Appendix D into its major field of study classification.

The programs are listed alphabetically by institution within each major field of study. The first column of Table 1 indicates the name of the major field of study. The second column lists the name of the institution, and the third column indicates the abbreviated name of the program as it was known at the institution at the time of the survey. The final column lists the total number of 1985/86 graduates for each program.

TABLE I

CCSIS CLASSIFICATIONS RECODES INTO MAJOR FIELD OF STUDY

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
FINE & APPLIED ARTS	ALTA COLLEGE OF ART	PHOTOGRAPHY	8
"	ALTA COLLEGE OF ART	TEXTILES	3
"	ALTA COLLEGE OF ART	DRAWING	6
"	ALTA COLLEGE OF ART	CERAMICS	4
"	ALTA COLLEGE OF ART	SCULPTURE	5
"	ALTA COLLEGE OF ART	JEWELLERY	2
"	ALTA COLLEGE OF ART	GLASS	1
"	ALTA COLLEGE OF ART	PAINTING	22
"	ALTA COLLEGE OF ART	VISUAL COMMUNICATION	33
"	ALTA COLLEGE OF ART	PRINT MAKING	7
"	GRANDE PRAIRIE REGIONAL COLLEGE	VIS & PERF ARTS	17
"	GRANT MACEWAN COMMUNITY COLLEGE	VISUAL COMMUNICATION	45
"	GRANT MACEWAN COMMUNITY COLLEGE	THEATRE ARTS	3
"	GRANT MACEWAN COMMUNITY COLLEGE	JOURNALISM	14
"	GRANT MACEWAN COMMUNITY COLLEGE	ADVERTISING & P R	34
"	GRANT MACEWAN COMMUNITY COLLEGE	LIBRARY TECHNICIAN	21
"	GRANT MACEWAN COMMUNITY COLLEGE	MUSIC	33
"	GRANT MACEWAN COMMUNITY COLLEGE	GENERAL ARTS & SCIENCE	15
"	GRANT MACEWAN COMMUNITY COLLEGE	DANCE	9
"	GRANT MACEWAN COMMUNITY COLLEGE	VISUAL ART	26
"	GRANT MACEWAN COMMUNITY COLLEGE	THEATRE PRODUCTION	11
"	GRANT MACEWAN COMMUNITY COLLEGE	DANCE TEACHER TRAINING	7
"	LAKELAND COLLEGE	INTERIOR DESIGN TECHNOLOGY	[illegible]
"	LETHBRIDGE COMMUNITY COLLEGE	COMMUNIC ARTS (PRINT JOUR)	8
"	LETHBRIDGE COMMUNITY COLLEGE	COMMUNIC ARTS (BRDCST PROD)	7
"	LETHBRIDGE COMMUNITY COLLEGE	COMMUNIC ARTS (BRDCST JOUR)	10
"	LETHBRIDGE COMMUNITY COLLEGE	COMMUNIC ARTS (PUBLIC REL)	8
"	MEDICINE HAT COLLEGE	VISUAL COMM.	10
"	MOUNT ROYAL COLLEGE	BROADCASTING	18
"	MOUNT ROYAL COLLEGE	GENERAL ARTS AND SCIENCE	2
"	MOUNT ROYAL COLLEGE	INTERIOR DESIGN	25
"	MOUNT ROYAL COLLEGE	THEATRE ARTS	7
"	MOUNT ROYAL COLLEGE	JOURNALISM	7
"	MOUNT ROYAL COLLEGE	MUSIC PERFORMANCE	4
"	MOUNT ROYAL COLLEGE	GENERAL ARTS & SCIENCE	2
"	N.A.I.T.	PHOTOGRAPHIC TECHNOLOGY	12
"	N.A.I.T.	TAILORING TECHNICIAN	15
"	N.A.I.T.	RADIO & TELEVISION ARTS	38
"	N.A.I.T.	MEN'S HAIRSTYLING	12
"	N.A.I.T.	LADIES' HAIRSTYLING	34
"	N.A.I.T.	COMMERCIAL SIGNWRITING	15
"	OLDS COLLEGE	FASHION MERCHANDISING-SEWING	10
"	RED DEER COLLEGE	ART & DESIGN	3
"	RED DEER COLLEGE	MUSIC	11
"	S.A.I.T.	JOURNALISM ARTS - 2ND YEAR	25
"	S.A.I.T.	CINEMA, TEL., STAGE & RADIO	60
"	S.A.I.T.	LIBRARY & INFORMATION TECH.	23
"	S.A.I.T.	ADVERTISING SALES	13
"	S.A.I.T.	GRAPHIC ARTS - 2ND YEAR	1
SUBTOTAL			727

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
HEALTH SERVICES	GRANDE PRAIRIE REGIONAL COLLEGE	NURSING	14
"	GRANT MACEWAN COMMUNITY COLLEGE	NURSING	36
"	GRANT MACEWAN COMMUNITY COLLEGE	OCCUPATIONAL HEALTH	18
"	GRANT MACEWAN COMMUNITY COLLEGE	SUPPLEMENTARY NURSING	20
"	GRANT MACEWAN COMMUNITY COLLEGE	OCC HEALTH - REDEVELOPMT	1
"	GRANT MACEWAN COMMUNITY COLLEGE	EXTENDED CARE NURSING	10
"	GRANT MACEWAN COMMUNITY COLLEGE	OCC HEALTH - CALGARY	7
"	KEYANO COLLEGE	NURSING RN DIPLOMA	17
"	LETHBRIDGE COMMUNITY COLLEGE	NURSING DIPLOMA	49
"	MEDICINE HAT COLLEGE	NURSING	27
"	MOUNT ROYAL COLLEGE	POST BASIC MENTAL HEALTH NURSING	7
"	MOUNT ROYAL COLLEGE	NURSING	64
"	MOUNT ROYAL COLLEGE	POST BASIC MENTAL HEALTH	5
"	N.A.I.T.	DENTURIST TECHNOLOGY	13
"	N.A.I.T.	DIETARY TECHNOLOGY	23
"	N.A.I.T.	COMBINED LAB + X-RAY	18
"	N.A.I.T.	BIOLOGICAL SCIENCES TECHNOLOGY	62
"	N.A.I.T.	DENTAL LABORATORY TECHNOLOGY	11
"	N.A.I.T.	DENTAL ASSISTING	82
"	N.A.I.T.	RESPIRATORY TECHNOLOGY	30
"	N.A.I.T.	MEDICAL LABORATORY TECHNOLOGY	58
"	N.A.I.T.	MEDICAL X-RAY TECHNOLOGY	54
"	N.A.I.T.	EMERGENCY MEDICAL TECHNOLOGY	15
"	RED DEER COLLEGE	NURSING	62
"	RED DEER COLLEGE	PHARMACY TECH.	33
"	S.A.I.T.	DENTAL ASSISTING - AUGUST	19
"	S.A.I.T.	MEDICAL LABORATORY TECH. -	38
"	S.A.I.T.	DIETARY SERVICE TECHNOLOGY	23
"	S.A.I.T.	DENTAL ASSISTING - NOVEMBER	20
HEALTH SERVICES	S.A.I.T.	EMERGENCY MED.TECH.-PARAMED	23
SUBTOTAL			859
ENGINEERING & APPLIED SCIENCE	KEYANO COLLEGE	NEW TRANSPORT DRIVER	63
"	LAKELAND COLLEGE	DRAFTING TECHNOLOGY	4
"	LETHBRIDGE COMMUNITY COLLEGE	CIVIL ENG TECH (CONSTR & MG)	9
"	LETHBRIDGE COMMUNITY COLLEGE	ELECTRONIC TECHNOLOGY	29
"	LETHBRIDGE COMMUNITY COLLEGE	DRAFTING TECHNICIAN	3
"	LETHBRIDGE COMMUNITY COLLEGE	DRAFTING TECHNOLOGY	14
"	LETHBRIDGE COMMUNITY COLLEGE	ELECTRONIC TECHNICIAN	10
"	LETHBRIDGE COMMUNITY COLLEGE	CIVIL ENG TECH (MUNIC & H2O)	13
"	MEDICINE HAT COLLEGE	COMP. AID. DRAFT.	1
"	MOUNT ROYAL COLLEGE	AVIATION	18
"	MOUNT ROYAL COLLEGE	ENGINEERING	1
"	N.A.I.T.	ELECTRONICS ENGINEERING TECH.	126
"	N.A.I.T.	ENGINEERING DESIGN & DRAFTING	52
"	N.A.I.T.	ELECTRONIC SERVICE TECHNICICIAN	47
"	N.A.I.T.	INSTRUMENTATION ENGINEERING	54
"	N.A.I.T.	PLASTICS ENGINEERING TECHNOLOGY	17
"	N.A.I.T.	ELECTRICAL ENGINEERING TECH.	37
"	N.A.I.T.	ELECTRICAL ENG. (ACCELERATED)	18
"	N.A.I.T.	TELECOMMUNICATION ENGINEERING	67
"	N.A.I.T.	CHEMICAL TECHNOLOGY	31

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/8 GRADS
ENGINEERING & APPLIED SCIENCE	N.A.I.T.	CIVIL ENGINEERING TECHNOLOGY	48
"	N.A.I.T.	SURVEYING TECHNOLOGY	32
"	N.A.I.T.	AIR CONDITIONING ENGINEERING	14
"	S.A.I.T.	ELECTRONICS TECHNOLOGIES 1ST.	1
"	S.A.I.T.	CHEMICAL ENGINEERING TECH.2	8
"	S.A.I.T.	AVIONICS TECHNOLOGY - 2ND YR.	10
"	S.A.I.T.	SURVEYING TECHNOLOGY - 2ND YR.	12
"	S.A.I.T.	BROADCAST ELECTRONIC TECH.2	8
"	S.A.I.T.	ELECTRONICS ENGINEERING TECH.	27
"	S.A.I.T.	ELECTRICAL ENGINEERING TECH.	33
"	S.A.I.T.	ELEC.ENG.TECH.PROG.FOR ELEC.	6
"	S.A.I.T.	TELECOMMUNICATIONS TECH. -	40
"	S.A.I.T.	AIR CONDITIONING TECH.-2ND YR.	16
"	S.A.I.T.	INDUST.INSTRUMENTATION TECH.	20
"	S.A.I.T.	ENGINEERING SCIENCE TECH. 1	2
"	S.A.I.T.	PROCESS PIPE DRAFTING	15
"	S.A.I.T.	PHOTOGRAMMETRY 2ND YEAR	3
"	S.A.I.T.	INDUSTRIAL ELECTRONIC TECH.	34
"	S.A.I.T.	ENGINEERING SCIENCE TECH. 2	20
"	S.A.I.T.	ENGINEERING DRAFTING TECH.	44
"	S.A.I.T.	CIVIL ENGINEERING TECH. - 2ND YR.	39
"	S.A.I.T.	CHEMICAL TECHNOLOGY - 2ND YR.	22
SUBTOTAL			1068
COMPUTER SCIENCE & TECH.	GRANDE PRAIRIE REGIONAL COLLEGE	COMP SYS TECH	
"	LAKELAND COLLEGE	DATA PROCESSING MAJOR	3
"	LETHBRIDGE COMMUNITY COLLEGE	COMPUTER SCIENCE	12
"	MEDICINE HAT COLLEGE	SOFTWARE ENGG.	8
"	MEDICINE HAT COLLEGE	MICROCOMPUTER	10
"	MOUNT ROYAL COLLEGE	COMPUTER SCIENCE	25
"	MOUNT ROYAL COLLEGE	COMPUTING SCIENCE	25
"	N.A.I.T.	COMPUTER SYSTEMS TECHNOLOGY	51
"	RED DEER COLLEGE	COMPUTER SYSTEMS TECH.	23
"	S.A.I.T.	COMPUTER TECHNOLOGY - 2ND YR.	50
SUBTOTAL			216
CONSTRUCTION, FABRIC. & REPAIR	FAIRVIEW COLLEGE	HEAVY DUTY/AGRICULTURAL MECH.	5
"	FAIRVIEW COLLEGE	HEAVY DUTY MECHANICS	8
"	FAIRVIEW COLLEGE	MOTORCYCLE MECHANICS	20
"	GRANDE PRAIRIE REGIONAL COLLEGE	AUTOM MECHANIC	11
"	GRANDE PRAIRIE REGIONAL COLLEGE	PLANT OPERATOR	18
"	GRANDE PRAIRIE REGIONAL COLLEGE	HEAVY DUTY MECHANIC	19
"	GRANDE PRAIRIE REGIONAL COLLEGE	MILLWRIGHT	11
"	KEYANO COLLEGE	ROADBLDG EQUIP OPER	7
"	LAKELAND COLLEGE	AGRICULTURAL SYSTEMS MAJOR	2
"	LAKELAND COLLEGE	CROPS AND MACHINERY MAJOR	7
"	LAKELAND COLLEGE	AGRICULTURAL MACHINERY MAJOR	4
"	LAKELAND COLLEGE	HEAVY OIL OPERATIONS TECH.	1
"	LAKELAND COLLEGE	HEAVY OIL OPERATIONS TECHNICIAN	73
"	LETHBRIDGE COMMUNITY COLLEGE	AUTOMOTIVES	32
"	LETHBRIDGE COMMUNITY COLLEGE	AGRICULTURAL MECHANICS	
"	N.A.I.T.	MATERIALS ENGINEERING TECH.	14

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
CONSTRUCTION, FABRIC. & REPAIR	N.A.I.T.	MILLWORK & CARPENTRY	30
"	N.A.I.T.	BUILDING CONSTRUCTION ENGINEERING	34
"	N.A.I.T.	PLUMBING TECHNICIAN	7
"	N.A.I.T.	MECHANICAL INDUSTRIAL ENGINEERING	30
"	N.A.I.T.	INDUSTRIAL HEAVY EQUIPMENT	21
"	N.A.I.T.	DIESEL MECHANICS	48
"	N.A.I.T.	ARCHITECTURE TECHNOLOGY	94
"	N.A.I.T.	MACHINE SHOP TECHNICIAN	15
"	OLDS COLLEGE	AGRICULTURAL MECHANICS-TRADE	41
"	OLDS COLLEGE	AGRICULTURAL MECHANICS-GENERAL	7
"	S.A.I.T.	POWER ENGINEERING TECHNOLOGY	30
"	S.A.I.T.	AUTOMOTIVE SERVICE TECH.-2ND YR.	42
"	S.A.I.T.	WELDING ENGINEERING TECH	31
"	S.A.I.T.	AIRCRAFT MAINTENANCE TECH.-	28
"	S.A.I.T.	MECHANICAL ENGINEERING TECH.	29
"	S.A.I.T.	SMALL ENGINE MECHANICS - JAN.	5
"	S.A.I.T.	BUILDING DEVELOPMENT TECH-2ND YR.	12
"	S.A.I.T.	AERONAUTICAL ENG. TECH. - 3RD YR.	13
"	S.A.I.T.	DIESEL MECHANICS	67
"	S.A.I.T.	PROCESS OPERATIONS	16
"	S.A.I.T.	SMALL ENGINE MECHANICS - OCT.	15
"	S.A.I.T.	AERONAUTICAL ENG. TECH. -2ND YR.	14
"	S.A.I.T.	AIRCRAFT MAINT.TECH.- 2ND YR.	11
"	S.A.I.T.	ARCHITECTURAL TECHNOLOGY-2ND YR.	20
"	S.A.I.T.	INDUSTRIAL ENGINEERING TECH.	16
SUBTOTAL			916
AGRICULTURE & RELATED	FAIRVIEW COLLEGE	AGRIBUSINESS	2
"	FAIRVIEW COLLEGE	BEEKEEPER TECHNICIAN	5
"	FAIRVIEW COLLEGE	ANIMAL HEALTH TECHNOLOGY	25
"	FAIRVIEW COLLEGE	AGRICULTURE PRODUCTION TECH.	13
"	FAIRVIEW COLLEGE	TURFGRASS MANAGEMENT TECHNOLOGY	19
"	LAKELAND COLLEGE	WESTERN HORSEMANSHIP MAJOR	6
"	LAKELAND COLLEGE	LIVESTOCK MAJOR	2
"	LAKELAND COLLEGE	GENERAL AGRICULTURAL	2
"	LAKELAND COLLEGE	ANIMAL HEALTH TECHNICIAN	10
"	LAKELAND COLLEGE	HERD HEALTH TECHNICIAN MAJOR	5
"	LAKELAND COLLEGE	AGRI-BUSINESS MAJOR	4
"	LETHBRIDGE COMMUNITY COLLEGE	AGRIC (IRRIG)	2
"	LETHBRIDGE COMMUNITY COLLEGE	AGRICULTURAL TECHNOLOGY	33
"	LETHBRIDGE COMMUNITY COLLEGE	MEAT CUTTING	14
"	LETHBRIDGE COMMUNITY COLLEGE	AGRIC (CROP PROD)	1
"	LETHBRIDGE COMMUNITY COLLEGE	AGRIC (FARM FIN MGMT)	1
"	LETHBRIDGE COMMUNITY COLLEGE	AGRIC (ANIMAL PROD)	1
"	N.A.I.T.	RETAIL MEAT CUTTING	31
"	N.A.I.T.	ANIMAL HEALTH TECHNOLOGY	23
"	OLDS COLLEGE	HORTICULTURE - GREENHOUSE PROD.	3
"	OLDS COLLEGE	AGRICULTURAL BUSINESS-FINANCE	9
"	OLDS COLLEGE	AGRICULTURAL BUSINESS-GENERAL	1
"	OLDS COLLEGE	AGRONOMY-IRRIGATION	2
"	OLDS COLLEGE	HORTICULTURE-TURF MANAGEMENT	1
"	OLDS COLLEGE	HORTICULTURE - TURF MANAGEMENT	6

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/8 GRAD
AGRICULTURE & RELATED	OLDS COLLEGE	AG. PROD.-FARM & RANCH PROD.	16
"	OLDS COLLEGE	HORTICULTURE - VEGETABLE	1
"	OLDS COLLEGE	ANIMAL HEALTH TECHNOLOGY	13
"	OLDS COLLEGE	HORTICULTURE-GENERAL PROD.	8
"	OLDS COLLEGE	EQUINE STUDIES	19
"	OLDS COLLEGE	HORTICULTURE-GREENHOUSE PROD.	4
"	OLDS COLLEGE	AGRONOMY-FIELD CORP MGT.	10
"	OLDS COLLEGE	HORTICULTURE-LANDSCAPE DESIGN	8
"	OLDS COLLEGE	COMMERCIAL FLORICULTURE	18
"	OLDS COLLEGE	HORTICULTURE-LANDSCAPING	5
"	OLDS COLLEGE	VEGETABLE PRODUCTION	2
"	OLDS COLLEGE	HORTICULTURE - GENERAL PROD	9
"	OLDS COLLEGE	AG. PRODUCTION-CROP PRODUCTION	6
"	OLDS COLLEGE	AG. PRODUCTION-GENERAL PROD.	18
"	OLDS COLLEGE	EQUINE MANAGEMENT	8
"	OLDS COLLEGE	AG. PRODUCTION-PROD. MANAGE.	2
"	OLDS COLLEGE	AG. PRODUCTION-LIVESTOCK	26
"	OLDS COLLEGE	AGRICULT. ENGINEERING-TECH	7
"	OLDS COLLEGE	AGRONOMY-AG. FERT. & CHEM.	2
"	S.A.I.T.	RETAIL MEAT CUTTING - SEPT.	6
"	S.A.I.T.	RETAIL MEAT CUTTING - JAN.	10
SUBTOTAL			419
RESOURCE MANAGEMENT	LAKELAND COLLEGE	FISH & WILDLIFE MAJOR	19
"	LAKELAND COLLEGE	CONSERVATION & RECLAMATION	
"	LETHBRIDGE COMMUNITY COLLEGE	REN RES (WATERSHED)	9
"	LETHBRIDGE COMMUNITY COLLEGE	REN RES (ENFORCEMENT)	30
"	LETHBRIDGE COMMUNITY COLLEGE	REN RES (PARKS)	22
"	LETHBRIDGE COMMUNITY COLLEGE	REN RES (GENERAL)	23
"	LETHBRIDGE COMMUNITY COLLEGE	REN RES (SPECIAL DIPL)	5
"	MOUNT ROYAL COLLEGE	PETROLEUM LAND MANAGEMENT	1
"	MOUNT ROYAL COLLEGE	ENVIRONMENTAL QUALITY CONTR	6
"	MOUNT ROYAL COLLEGE	ENVIRON. QUALITY CONTROL	4
"	MOUNT ROYAL COLLEGE	OCCUPATIONAL HYGIENE	8
"	MOUNT ROYAL COLLEGE	PETROLEUM & MIN RES LAND MG	18
"	MOUNT ROYAL COLLEGE	PETR. & MIN. RES. LAND AD.	8
"	N.A.I.T.	FOREST TECHNOLOGY	50
"	N.A.I.T.	EARTH RESOURCES TECHNOLOGY	51
"	N.A.I.T.	HYDROCARBON ENGINEERING TECH.	23
"	OLDS COLLEGE	AGRONOMY-LAND RESOUR & CLASS.	6
"	OLDS COLLEGE	LAND AGENT	6
"	S.A.I.T.	PETROLEUM TECH. (GEOLOGY) -	13
"	S.A.I.T.	PETROLEUM TECH. (RESERVOIR)	26
"	S.A.I.T.	PETROLEUM TECH. (DRILLING)	31
"	S.A.I.T.	PETROLEUM TECHNOLOGY - 2ND YR.	37
"	WESTERRA	WATER & WASTEWATER	17
SUBTOTAL			422
SOCIAL SERVICES	GRANDE PRAIRIE REGIONAL COLLEGE	EARLY CHILDHOOD	29
"	GRANT MACEWAN COMMUNITY COLLEGE	SOCIAL SERVICES-BLUE Q.	
"	GRANT MACEWAN COMMUNITY COLLEGE	EARLY CHILDHOOD-YREC	
"	GRANT MACEWAN COMMUNITY COLLEGE	EARLY CHILDHOOD DEV.	58

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
SOCIAL SERVICES	GRANT MACEWAN COMMUNITY COLLEGE	NATIVE COMMUNICATIONS	20
"	GRANT MACEWAN COMMUNITY COLLEGE	CHILD CARE WORKER	27
"	GRANT MACEWAN COMMUNITY COLLEGE	CHILD CARE WORKER - B Q	7
"	GRANT MACEWAN COMMUNITY COLLEGE	LAW ENFORCEMENT	41
"	GRANT MACEWAN COMMUNITY COLLEGE	TEACHER AIDE	32
"	GRANT MACEWAN COMMUNITY COLLEGE	AUDIO VISUAL TECHNICIAN	1
"	GRANT MACEWAN COMMUNITY COLLEGE	EARLY CHILDHOOD-PEC	7
"	GRANT MACEWAN COMMUNITY COLLEGE	SOCIAL SERVICES WORKER	61
"	GRANT MACEWAN COMMUNITY COLLEGE	APPLIED RESEARCH	4
"	GRANT MACEWAN COMMUNITY COLLEGE	CORRECTIONAL SERVICES	20
"	GRANT MACEWAN COMMUNITY COLLEGE	REHAB PRACTITIONER	43
"	GRANT MACEWAN COMMUNITY COLLEGE	TRAVEL CONSULTANT	52
"	GRANT MACEWAN COMMUNITY COLLEGE	CORR SERVCS-SOL GENERAL	34
"	KEYANO COLLEGE	EARLY CHILDHOOD DEVELOP.	14
"	LAKELAND COLLEGE	PARKS & RECREATION MAJOR	12
"	LAKELAND COLLEGE	EARLY CHILDHOOD DEVELOPMENT	25
"	LETHBRIDGE COMMUNITY COLLEGE	EARLY CHILD EDUC	8
"	LETHBRIDGE COMMUNITY COLLEGE	REHAB SERVICES	14
"	LETHBRIDGE COMMUNITY COLLEGE	LAW ENFORCEMENT	58
"	LETHBRIDGE COMMUNITY COLLEGE	SECURITY (RET-INDUST)	6
"	LETHBRIDGE COMMUNITY COLLEGE	CHILD YOUTH CARE	11
"	MEDICINE HAT COLLEGE	EARLY CHILDHOOD	1
"	MEDICINE HAT COLLEGE	REHAB. PRACT.	7
"	MEDICINE HAT COLLEGE	TRAVEL CONSULT.	18
"	MEDICINE HAT COLLEGE	EARLY CHILDHOOD DEVELOP.	20
"	MOUNT ROYAL COLLEGE	EARLY CHILDHOOD ED. & DEV.	36
"	MOUNT ROYAL COLLEGE	YOUTH DEVELOPMENT	2
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN - SECURITY	1
"	MOUNT ROYAL COLLEGE	PHYSICAL EDUCATION	30
"	MOUNT ROYAL COLLEGE	JUSTICE ADMINISTRATION	1
"	MOUNT ROYAL COLLEGE	APPLIED SOCIAL SCIENCE	1
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN. LAW ENFORC.	13
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN. CORR. S.A.	12
"	MOUNT ROYAL COLLEGE	LEISURE FACILITIES OPER.	1
"	MOUNT ROYAL COLLEGE	COMMUN. AND REGIONAL PLAN.	2
"	MOUNT ROYAL COLLEGE	LEISURE SERVICES - RECREATION	5
"	MOUNT ROYAL COLLEGE	LEIS. SERV. (REC. THERAPY)	6
"	MOUNT ROYAL COLLEGE	LEISURE FACILITIES OPERATION	3
"	MOUNT ROYAL COLLEGE	APPLIED SOCIAL SCIENCES	8
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN - CORRECTIONS	8
"	MOUNT ROYAL COLLEGE	SOCIAL SERVICE CAREERS	67
"	MOUNT ROYAL COLLEGE	CHILD CARE WORKER	15
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN. POLICE	3
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN - LAW ENFORCE	37
"	MOUNT ROYAL COLLEGE	PUBLIC RELATIONS	14
"	MOUNT ROYAL COLLEGE	LEIS. ED. - COMMUNITY REC.	1
"	MOUNT ROYAL COLLEGE	LEIS. SERV. (REC. MANAGE.)	7
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN - CORR OFF.	9
"	MOUNT ROYAL COLLEGE	COMMUNITY AND REGIONAL PLAN.	2
"	MOUNT ROYAL COLLEGE	EARLY CHILD. ED. & DEVELOP.	5
"	MOUNT ROYAL COLLEGE	REHABILITATION SERVICES	37
"	MOUNT ROYAL COLLEGE	JUSTICE ADMIN. CORRECTIONS	17

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
SOCIAL SERVICES	MOUNT ROYAL COLLEGE	LEISURE SERVICES-RECREATION	16
"	MOUNT ROYAL COLLEGE	EARLY CHILDHOOD EDUCATION	51
"	OLDS COLLEGE	TRANSITIONAL/VOCATIONAL PROG.	15
"	RED DEER COLLEGE	REHAB. SERVICES	37
"	RED DEER COLLEGE	SOCIAL SERVICE	16
"	RED DEER COLLEGE	EARLY CHILDHOOD	39
"	RED DEER COLLEGE	TEACHERS' AIDE	26
"	S.A.I.T.	TRAVEL COUNSELLING - 2ND YR.	10
"	S.A.I.T.	TRAVEL COUNSELLING - 1ST YR.	1
SUBTOTAL			1194
SECRETARIAL/CLERICAL	FAIRVIEW COLLEGE	CLERK-TYPIST	12
"	FAIRVIEW COLLEGE	SECRETARIAL CERTIFICATE	29
"	GRANDE PRAIRIE REGIONAL COLLEGE	OFFICE ADMIN INTENSIVE	9
"	GRANDE PRAIRIE REGIONAL COLLEGE	OFFICE ADMINISTRATION	50
"	GRANT MACEWAN COMMUNITY COLLEGE	SECRETARIAL STUDIES	49
"	GRANT MACEWAN COMMUNITY COLLEGE	SECRETARIAL SCIENCES	1
"	GRANT MACEWAN COMMUNITY COLLEGE	LEGAL ASSISTANT	15
"	KEYANO COLLEGE	BUSINESS EDUCATION	52
"	LAKELAND COLLEGE	SECRETARIAL ARTS	54
"	LETHBRIDGE COMMUNITY COLLEGE	SECRETARIAL (ONE YEAR)	40
"	LETHBRIDGE COMMUNITY COLLEGE	SECRETARIAL (TWO YEAR)	24
"	MEDICINE HAT COLLEGE	OFFICE TECH.	42
"	MOUNT ROYAL COLLEGE	SECRETARIAL ARTS	58
"	N.A.I.T.	BASIC BANKING & BUSINESS	30
"	N.A.I.T.	MEDICAL TRANSCRIPTION	17
"	N.A.I.T.	COURT REPORTING	13
"	N.A.I.T.	HEALTH RECORD TECHNOLOGY	16
"	N.A.I.T.	ADMINISTRATIVE SECRETARIAL	43
"	N.A.I.T.	DATA PROCESSING MACHINE OPER.	1
"	N.A.I.T.	SECRETARIAL ARTS	105
"	OLDS COLLEGE	SECRETARIAL ARTS-DICTA-TYPIST	7
"	OLDS COLLEGE	SECRETARIAL REFRESHER	1
"	OLDS COLLEGE	SECRETARIAL ARTS-CLERK/TYPIST	6
"	OLDS COLLEGE	SECRETARIAL ARTS-SECRETARIAL	19
"	OLDS COLLEGE	SECRETARIAL ARTS-STENO.	18
"	RED DEER COLLEGE	LEGAL ASSISTANT	31
"	RED DEER COLLEGE	SECRETARIAL SCIENCE	23
"	S.A.I.T.	MEDICAL TRANSCRIPTION	15
"	S.A.I.T.	HEALTH RECORD TECHNICIAN	12
"	S.A.I.T.	SECRETARIAL ARTS - 2ND YEAR	38
"	WESTERRA	ADMINISTRATIVE ASSISTANT	14
"	WESTERRA	CLERK-TYPIST	17
SUBTOTAL			861
MANAGEMENT & ADMIN.	FAIRVIEW COLLEGE	BUSINESS CERTIFICATE	13
"	FAIRVIEW COLLEGE	BUSINESS DIPLOMA	5
"	GRANDE PRAIRIE REGIONAL COLLEGE	ADMINISTRATION	3
"	GRANDE PRAIRIE REGIONAL COLLEGE	BUSINESS ADMINISTRATION	57
"	GRANT MACEWAN COMMUNITY COLLEGE	MANAGEMENT STUDIES	68
"	GRANT MACEWAN COMMUNITY COLLEGE	VOLUNTEER MANAGEMENT	
"	GRANT MACEWAN COMMUNITY COLLEGE	BUSINESS ADMINISTRATION	4

MAJOR FIELD OF STUDY	COLLEGE/TECHNICAL INSTITUTE	INSTITUTION'S NAME FOR PROGRAM	1985/86 GRADS
MANAGEMENT & ADMIN.	GRANT MACEWAN COMMUNITY COLLEGE	GENERAL ADMINISTRATION	4
"	GRANT MACEWAN COMMUNITY COLLEGE	ARTS ADMINISTRATION	20
"	GRANT MACEWAN COMMUNITY COLLEGE	ACCOUNTING	30
"	GRANT MACEWAN COMMUNITY COLLEGE	MICROCOMPUTER MANAGEMENT	23
"	KEYANO COLLEGE	BUSINESS ADMINISTRATION	11
"	LAKELAND COLLEGE	MANAGEMENT MAJOR	16
"	LAKELAND COLLEGE	APPRAISAL & ASSESSMENT MAJOR	10
"	LAKELAND COLLEGE	ACCOUNTING MAJOR	11
"	LETHBRIDGE COMMUNITY COLLEGE	REC MGMT (ADMIN)	3
"	LETHBRIDGE COMMUNITY COLLEGE	BUS ADMIN (DATA PROC)	1
"	LETHBRIDGE COMMUNITY COLLEGE	REC MGMT (FACILITIES)	2
"	LETHBRIDGE COMMUNITY COLLEGE	BUSINESS ADMINISTRATION	71
"	LETHBRIDGE COMMUNITY COLLEGE	REC MGMT (THERAPEUTIC)	9
"	LETHBRIDGE COMMUNITY COLLEGE	BUS ADMIN (MGMT)	3
"	LETHBRIDGE COMMUNITY COLLEGE	REC MGMT (PROGRAMMING)	5
"	MEDICINE HAT COLLEGE	BUSINESS ADMIN.	50
"	MOUNT ROYAL COLLEGE	PUBLIC ADMINISTRATION	3
"	MOUNT ROYAL COLLEGE	BUSINESS ADMINISTRATION	103
"	MOUNT ROYAL COLLEGE	BUSINESS ADMINISTRATION	2
"	N.A.I.T.	ADMINISTRATIVE MANAGEMENT	81
"	N.A.I.T.	ACCOUNTING	186
"	N.A.I.T.	FINANCE	53
"	RED DEER COLLEGE	BUSINESS ADMIN.	48
"	S.A.I.T.	BUSINESS ADMINISTRATION - 2ND YR.	28
"	S.A.I.T.	HOTEL & RESTAURANT ADMIN. 2ND YR.	25
"	S.A.I.T.	BUSINESS ADMINISTRATION - 2ND YR.	36
"	S.A.I.T.	RECREATION FAC.OPER. & MAINT.	35
SUBTOTAL			1025
SALES & SERVICE	GRANT MACEWAN COMMUNITY COLLEGE	INSURANCE ADMINISTRATION	6
"	KEYANO COLLEGE	NEW COMM COOK(TERM2)	14
"	LETHBRIDGE COMMUNITY COLLEGE	CHEF TRAINING	9
"	LETHBRIDGE COMMUNITY COLLEGE	PROFESSIONAL COOKING	13
"	LETHBRIDGE COMMUNITY COLLEGE	COOKING	7
"	N.A.I.T.	MARKETING MANAGEMENT	118
"	N.A.I.T.	COMMERCIAL BAKING	20
"	N.A.I.T.	COMMERCIAL COOKING	45
"	OLDS COLLEGE	FASHION MERCHANDISING-RETAIL	14
"	S.A.I.T.	PROF.COOKING 2ND YEAR RETURN	25
"	S.A.I.T.	COMMERCIAL BAKING	21
"	S.A.I.T.	PROF. COOKING 1ST YEAR RETURN	27
"	S.A.I.T.	PROF.REST.SERV.-BASIC	19
"	S.A.I.T.	PROFESSIONAL COOKING - 2ND YR.	25
"	S.A.I.T.	BUSINESS ADMINISTRATION - 2ND YR.	31
SUBTOTAL			394
GRAND TOTAL			8101

Appendix G

Types of Formal Training

TYPES OF FORMAL TRAINING

A.	**Executive / Managerial**	Programs that qualify or upgrade skills required for directing the planning, organizing and contracting within a department or organization.
B.	**Supervisory**	Programs that qualify or upgrade skills required for supervising staff within a section or department.
C.	**Professional**	Programs that qualify or upgrade a worker's theoretical or practical knowledge of a specific field or discipline such as art, science, engineering, education, medicine, law, business relations, administration and managerial or technical work.
D.	**Technical**	Programs that qualify or upgrade skills of workers in direct support of Engineers or Scientists. These skills are primarily related to research, development, design, testing and analysis, installation, operation and maintenance, quality control and production planning. Include training of computer science professionals.
E.	**Sales**	Programs that provide product familiarization and programs that qualify or upgrade skills related to selling commodities or services. Management training is excluded from this definition.
F.	**Apprenticeship**	Programs are formal training leading to journeyman status. Apprenticeship involves a written contract agreement between employee and employer regardless of whether or not the apprentice is registered with a provincial apprenticeship authority.
G.	**Non-Apprentice Trade and Manual**	Programs that qualify or upgrade specific occupational skills directly related to: a) production (processing, assembly, machining, maintenance, repair, etc..); b) construction trades, and c) transport equipment operation and materials handling.
H.	**Production Technology Familiarization**	Programs that familiarize production workers with new technologies and processes.
I.	**Basic Skills**	Programs that upgrade worker's basic reading, writing and mathematical skills.
J.	**Office/Clerical**	Programs that qualify or upgrade clerical and related skills such as stenography, word processing, bookkeeping, office machine operation, material recording and scheduling, library skills, filing and correspondence.
K.	**Computer related Skills**	Computer usage/literacy for non-computer professionals, e.g., spreadsheets, micro-databases, desktop publishing.
L.	**Communications & Interpersonal Skills**	Programs designed to provide workers with skills leading to more effective communications in the workplace.
M.	**Safety/New Employee Orientation**	

Appendix F

Summary Tables

Table 1
Labour Force Participation by
Field of Study

Major Field of Study	In LForce (%)	No. of Resps.	Not in LForce (%)	No. of Resps.
Arts, Humanities	89.7	279	10.3	32
Health Services	94.8	379	5.3	21
Engineering & Applied Science	94.3	526	5.7	32
Computing Science	100.0	111	0.0	0
Construction/Fabrication/Repair	84.4	421	5.6	25
Agriculture & Related	90.1	210	9.9	23
Resource Technology	92.5	197	7.5	16
Social Services	87.2	423	12.8	62
Secretarial/Clerical	90.0	412	10.0	46
Management & Administration	95.2	432	4.8	22
Sales & Service	92.0	149	8.0	13
Total	**91.0**	**3,539**	**7.5**	**292**

Table 2
Employment Rates and Unemployment Rates
by Field of Study

Major Field of Study	Empl. Rate (%)	No. of Resps.	Unempl. Rate (%)	No. of Resps.
Arts, Humanities	96.4	269	3.6	10
Health Services	97.1	368	2.9	11
Engineering & Applied Science	95.8	504	4.2	22
Computing Science	97.3	108	2.7	3
Construction/Fabrication/Repair	94.1	396	5.9	25
Agriculture & Related	96.2	202	3.8	8
Resource Technology	96.4	190	3.6	7
Social Services	95.5	404	4.5	19
Secretarial/Clerical	96.8	399	3.2	13
Management & Administration	96.1	415	3.9	17
Sales & Service	94.6	141	5.4	8
Total	**96.0**	**3,396**	**4.0**	**143**

Table 3
Graduates Self-Employed
by Field of Study

Major Field of Study	Self-Employment (%)	Number of Respondents
Arts, Humanities	19.6	53
Health Services	5.5	20
Engineering & Applied Science	7.7	38
Computing Science	11.7	13
Construction/Fabrication/Repair	18.6	74
Agriculture & Related	31.0	62
Resource Technology	5.2	10
Social Services	6.0	24
Secretarial/Clerical	4.1	16
Management & Administration	7.5	31
Sales & Service	12.1	17
Total	**11.0**	**358**

Table 4
Percentage of Graduates in Jobs Related to 1985/86 Program
by Field of Study

Major Field of 3tudy	Related to 85/86 (%)	Number of Respondents
Arts, Humanities	77.1	205
Health Services	94.1	333
Engineering & Applied Science	83.6	409
Computing Science	85.6	95
Construction/Fabrication/Repair	78.0	301
Agriculture & Related	76.9	150
Resource Technology	70.2	132
Social Services	79.1	299
Secretarial/Clerical	86.2	326
Management & Administration	87.8	346
Sales & Service	78.4	109
Total	**82.5**	**2705**

Table 5
Full-Time Employment
by Field of Study

Major Field of Study	Full-Time (%)	Number of Respondents
Arts, Humanities	81.9	221
Health Services	82.7	291
Engineering & Applied Science	96.3	473
Computing Science	95.5	105
Construction/Fabrication/Repair	94.9	374
Agriculture & Related	94.6	191
Resource Technology	97.4	184
Social Services	88.7	346
Secretarial/Clerical	91.2	353
Management & Administration	90.7	361
Sales & Service	93.6	131
Total	**91.2**	**3,030**

Table 6
Full-Time Employment in Study-Related Work
by Field of Study

Major Field of Study	Full-Time Study-Related (%)	Number of Respondents
Arts, Humanities	66.2	174
Health Services	77.7	265
Engineering & Applied Science	81.5	392
Computing Science	83.6	92
Construction/Fabrication/Repair	73.5	278
Agriculture & Related	73.8	144
Resource Technology	68.3	127
Social Services	70.6	255
Secretarial/Clerical	81.9	304
Management & Administration	81.1	308
Sales & Service	74.5	102
Total	**75.7**	**2,441**

Table 7
Permanent Employment
by Field of Study

Major Field of Study	Permanent (%)	Number of Respondents
Arts, Humanities	90.3	242
Health Services	94.3	346
Engineering & Applied Science	96.3	475
Computing Science	90.0	99
Construction/Fabrication/Repair	95.7	380
Agriculture & Related	94.7	196
Resource Technology	93.6	176
Social Services	91.4	362
Secretarial/Clerical	93.6	364
Management & Administration	93.1	376
Sales & Service	95.2	138
Total	**93.8**	**3,154**

Table 8
Average Gross Monthly Earnings of Graduates
Employed Full-Time in Study-Related Work by Field of Study

Major Field of Study	Monthly Earnings ($)	Number of Respondents
Arts, Humanities	2,037	167
Health Services	2,674	248
Engineering & Applied Science	2,876	370
Computing Science	3,153	85
Construction/Fabrication/Repair	2,771	257
Agriculture & Related	2,276	125
Resource Technology	2,783	111
Social Services	2,137	232
Secretarial/Clerical	1,945	286
Management & Administration	2,422	283
Sales & Service	2,190	93
Total	**2,473**	**2,257**

Table 9
Distribution of Graduates across Occupational Categories

Occupational Categories	Percent	Number of Respondents
Management & Administration	12.6	422
Natural Science/Engineering/Math	15.8	528
Social Sciences	4.4	148
Teaching & Related	3.0	100
Medicine & Health	11.5	384
Art/Literature/Recreation	4.3	143
Clerical & Related	17.4	583
Sales	5.4	180
Service	6.7	225
Farming	3.5	118
Forestry & Logging	0.1	5
Mining, Quarrying	0.2	8
Processing	2.0	66
Machining & Related	0.5	17
Fabrication/Assembly/Repair	5.6	189
Construction Trades	2.5	84
Transportation Equipment Operator	1.9	63
Material Handling	0.2	6
Other Crafts and Equipment	1.8	60
Not Elsewhere Classified	0.5	17
Total	**100.0**	**3346**

Table 10
Concentration in Most Frequently Entered Occupational Categories
by Field of Study

Major Field of Study	Category Accounting for the Greatest Percentage of Graduates	Percentage
Arts, Humanities	Art/Literature/Recreation	39
Health Services	Medicine & Health	86
Engineering & Applied Science	Natural Science/Eng/Math	50
Computing Science	Natural Science/Eng/Math	75
Construction/Fabrication/Repair	Fabrication/Assembly/Repair	23
Agriculture & Related	Farming	29
Resource Technology	Natural Science/Eng/Math	43
Social Services	Social Sciences	25
Secretarial/Clerical	Clerical & Related	75
Management & Administration	Management & Administration	46
Sales & Service	Service	29

Table 11
Distribution of Graduates across Industrial Categories

Industrial Categories	Percent	Number of Respondents
Agriculture & Related	3.7	125
Fishing & Trapping	0.0	1
Logging & Forestry	0.8	27
Mining & Oil Wells	6.0	201
Manufacturing	8.3	277
Construction	5.0	168
Transportation & Storage	3.5	117
Communications & Utilities	4.7	157
Wholesale Trade	4.1	137
Retail Trade	7.4	247
Finance & Insurance	2.9	96
Real Estate & Insurance	1.6	53
Business Service	9.4	315
Government Service	11.7	391
Education Service	5.4	182
Health & Social Service	17.1	573
Accommodation/Food/Beverage	2.4	80
Other Service	5.9	197
Total	**100.0**	**3,344**

Table 12
Concentration in Most Frequently Entered Industrial Categories
by Field of Study

Major Field of Study	Industrial Categories Accounting for the Greatest Proportion of Graduates	Percentage
Arts, Humanities	Other Service	21
	Communications & Utilities	18
	Retail Trade	15
Health Services	Health & Social Service	85
Engineering & Applied Science	Business Services	17
	Manufacturing	15
	Construction	12
	Communications & Utilities	11
Computing Science	Business Service	24
	Government Service	17
Construction/Fabrication/Repair	Manufacturing	16
	Retail Trade	13
	Construction	11
	Mining & Oil Wells	10
Agriculture & Related	Agriculture & Related	33
	Retail Trade	16
Resource Technology	Mining & Oil Wells	25
	Government Service	20
Social Services	Health & Social Services	30
	Government Service	28
Secretarial/Clerical	Health & Social Services	18
	Business Services	16
	Government Service	13
	Education Service	11
Management & Administration	Business Service	13
	Government Service	12
Sales & Service	Accomm./Food/Beverage	23
	Retail Trade	19
	Manufacturing	11

Table 13
Most Frequently Entered Occupations and Industries
by Field of Study

Major Field of Study	%	Occupation	SOC*	%	Industry	SIC**
Fine & Applied Arts	12	Writers & Editors	3351	19	Broadcasting Industry	481
	10	Advert. & Illust. Artists	3314	7	Staged Entertainment	963
	6	Libr., Archv. & Conserv.	2351	5	Advertising Services	774
	5	Photographers	3315	4	Publishing Industries	283
	5	Performing & AV Arts	3330	4	Other Retail Stores	659
Subtotal	38			39		
Health Services	31	Nurses	3131	52	Hospitals	861
	21	Medical Lab. Technician	3156	16	Offices of Physicians	865
	16	Dental Hygenist & Assist.	3158	8	Non Inst. Health Serv.	863
	5	Radiological Technician	3155	7	Medical Labs.	868
	5	Therapy & Related	3139	2	Protective Services	832
Subtotal	78			85		
Engineering &	27	Engineering Technologist	2165	12	Scientific Services	775
Applied Science	10	Drafting	2163	6	Crude Pet. & Nat. Gas	71
	5	Electrical Engineers	2144	5	Electric Pow. Systems	491
	5	Machine Mechanic	8585	5	Computer & Rel. Serv.	772
	4	Civil Engineers	2143	5	Telecomm. Carriers	482
Subtotal	51			33		
Computing Science	86	Systems Analysts	2183	18	Computer & Rel. Serv.	772
	4	Data Processing	4143	6	Crude Pet. & Nat. Gas	71
	1	Sales & Advert. Mgrs.	1137	6	Gen. Admin. Services	835
	1	Other Mgrs. NEC	1149	6	Hospitals	861
	1	Accts & Oth. Fin. Officers	1171	5	Scientific Services	775
Subtotal	93			41		
Construction,	10	Drafting	2163	10	Crude Pet. & Nat. Gas	71
Fabrication & Repair	10	Construc. Machine Repair	8584	7	Scientific Services	775
	9	Motor Vehicle Mechanic	8581	5	Combination Farms	17
	5	Farmers, NEC	7119	5	Automobile Dealers	631
	4	Stationery Eng. Operators	9539	4	Residt. Bldg. Dvlpmt.	401
Subtotal	38			31		
Agriculture &	11	Meatcutting	8215	12	Livestock Farms	11
Related	10	Farmers, NEC	7119	11	Combination Farms	17
	10	Med. & Health, NEC	3169	11	Serv. Inc. to Livestock	21
	9	Livestock Farmers	7113	11	Food Stores	601
	5	Attend., Sports & Rec.	3375	7	Sports & Rec. Clubs	965
Subtotal	45			52		
Resource Technology	13	Occup. in Life Sci. NEC	2139	31	Crude Pet. & Nat. Gas.	71
	12	Phys. Sciences Tech.	2117	10	Forestry Services	51
	7	Engineering Tech.	2165	9	Econ. Serv. Admin.	827
	6	Other Mgrs., NEC	1149	8	Scientific Services	775
	5	Petroleum Engineers	2154	5	Protectives Services	832
Subtotal	43			63		

Major Field of Study	%	Occupation	SOC	%	Industry	SIC
Social Services	18	Occ. Welf. & Comm. Serv.	2333	20	Non-Inst. Social Serv.	864
	11	Child care	6147	10	Elem. & Sec. Educat.	851
	10	Social Workers	2331	8	Protect. Serv. (Local)	832
	9	Police Off. & Det. Gov't.	6112	7	Protect. Serv. (Fed)	812
	7	Other Teaching NEC	2799	7	Hospitals	861
Subtotal	55			52		
Secretarial/Clerical	49	Secretaries	4111	12	Offices of Lawyers	776
	9	Typists	4113	10	Hospitals	861
	7	Accounting Clerks	4131	8	Crude Pet. & Nat. Gas	71
	5	Other Managers, NEC	1149	6	P-Sec. Non-Univ. Ed.	852
	5	Receptionists	4171	6	Chartered Banks	702
Subtotal	75			42		
Management &	31	Financial Officers	1171	9	Acctg. & Book. Serv.	773
Administration	16	Accounting Clerks	4131	7	Chartered Banks	702
	4	Other Managers, NEC	1149	6	Crude Pet. & Nat. Gas	71
	4	Services Management	1142	3	Insur. & Real Estate	761
	3	Sales & Advert. Mgmt.	1137	2	Gen. Admin. Serv.	815
Subtotal	58			27		
Major Field of Study	%	Occupation	SOC	%	Industry	SIC
Sales & Service	25	Chefs & Cooks	6121	15	Food Services	921
	12	Sales & Advertising Mgmt.	1137	11	Food Stores	601
	6	Commercial Travellers	5133	10	Hotels & Motels	911
	6	Baking & Related	8213	5	Hospitals	861
	5	Services Management	1142	4	Insur. & Real Estate	761
Subtotal	54			45		

* Standard Occupational Classification

** Standard Industrial Classification

Table 14
Average Number of Months Working at
February, 1991 Job by Field of Study

Major Field of Study	Average No. of Months	Number of Respondents
Arts, Humanities	32.7	300
Health Services	39.2	398
Engineering & Applied Science	33.9	523
Computing Science	31.7	112
Construction/Fabrication/Repair	33.2	407
Agriculture & Related	35.6	228
Resource Technology	26.6	210
Social Services	35.8	481
Secretarial/Clerical	28.8	449
Management & Administration	29.8	449
Sales & Service	27.8	158
Total	**32.8**	**3715**

Table 15
Employment Mobility Between January, 1987 and February, 1991

Major Field of Study	Same Occup. (%)	No. of Resps.	Same Indust. (%)	No. of Resps.
Arts,Humanities	32	71	42	93
Health Services	74	256	71	248
Engineering & Applied Science	25	93	28	105
Computing Science	63	58	25	23
Construction/Fabrication/Repair	22	65	26	76
Agriculture & Related	25	38	41	62
Resource Technology	18	22	24	29
Social Services	28	95	38	126
Secretarial/Clerical	35	113	34	109
Management & Administration	23	77	29	96
Sales & Service	34	40	34	40
Total	**34**	**928**	**38**	**1007**

Table 16
Job Satisfaction for Graduates in Jobs Related to their 1985/86 Programs by Field of Study

Major Field of Study	Very Satisfied (%)	Satisfied (%)	Dissatisfied (%)	No. of Resps.
Arts,Humanities	49.2	41.1	9.6	178
Health Services	56.8	39.1	4.0	309
Engineering & Applied Science	50.9	47.1	2.0	387
Computing Science	71.0	24.7	4.3	89
Construction/Fabrication/Repair	51.2	47.0	1.8	280
Agriculture & Related	50.7	44.6	4.7	141
Resource Technology	56.2	38.5	5.4	123
Social Services	58.3	36.8	4.9	274
Secretarial/Clerical	56.5	39.1	4.4	482
Management & Administration	48.2	47.0	4.8	316
Sales & Service	52.4	44.8	2.9	102
Total	**53.7**	**42.1**	**4.2**	**2502**

Table 17
Graduates Who Received Further Certification
by Field of Study

Major Field of Study	Further Cert. (%)	Number of Respondents
Arts, Humanities	14.2	44
Health Services	19.5	77
Engineering & Applied Science	24.7	132
Computing Science	8.0	9
Construction/Fabrication/Repair	28.3	124
Agriculture & Related	17.4	39
Resource Technology	25.7	53
Social Services	19.7	89
Secretarial/Clerical	15.0	66
Management & Administration	19.1	85
Sales & Service	19.5	31
Total	**20.2**	**749**

Table 18
Graduates Who Were Certified Journeymen
by Field of Study

Major Field of Study	Journeymen (%)	Number of Respondents
Arts, Humanities	2.3	7
Health Services	1.3	5
Engineering & Applied Science	14.9	82
Computing Science	1.8	2
Construction/Fabrication/Repair	20.6	92
Agriculture & Related	10.6	24
Resource Technology	2.9	6
Social Services	1.0	4
Secretarial/Clerical	0.9	4
Management & Administration	2.1	9
Sales & Service	21.1	34
Total	**7.3**	**269**

Table 19
Current Enrollment at Post-Secondary Institutions
by Field of Study

Major Field of Study	Further Cert. (%)	Number of Respondents
Arts, Humanities	14.8	47
Health Services	20.1	80
Engineering & Applied Science	15.6	86
Computing Science	10.6	12
Construction/Fabrication/Repair	12.2	55
Agriculture & Related	13.7	32
Resource Technology	20.7	44
Social Services	21.2	100
Secretarial/Clerical	15.0	68
Management & Administration	24.1	109
Sales & Service	17.1	28
Total	**17.3**	**661**

Table 20
Program Selected if Given a Choice Five Years After Graduation
by Field of Study

Major Field of Study	Same (%)	Different (%)	None (%)	Number of Respondents
Arts, Humanities	70.9	27.5	1.6	306
Health Services	67.1	32.1	0.8	380
Engineering & Applied Science	60.8	38.1	1.1	543
Computing Science	70.5	28.6	0.9	112
Construction/Fabrication/Repair	64.4	32.8	2.8	427
Agriculture & Related	67.4	31.7	0.9	227
Resource Technology	48.3	51.7	0.0	205
Social Services	61.0	37.5	1.5	477
Secretarial/Clerical	66.2	32.4	1.4	435
Management & Administration	67.1	32.7	0.2	444
Sales & Service	63.7	34.4	1.9	157
Total	**64.2**	**34.5**	**1.2**	**3,713**

Table 21
Graduates Who Would Have Taken a University Program
by Field of Study

Major Field of Study	Further Cert. (%)	Number of Respondents
Arts, Humanities	48.1	39
Health Services	71.1	81
Engineering & Applied Science	53.3	105
Computing Science	50.0	15
Construction/Fabrication/Repair	31.3	40
Agriculture & Related	40.9	27
Resource Technology	60.6	60
Social Services	51.8	87
Secretarial/Clerical	33.3	44
Management & Administration	59.6	81
Sales & Service	40.7	22
Total	**49.8**	**601**

Table 22
Graduates Who Received Informal Training
by Field of Study

Major Field of Study	Informal Training (%)	Number of Respondents
Arts, Humanities	67.9	178
Health Services	74.8	270
Engineering & Applied Science	83.3	405
Computing Science	74.3	81
Construction/Fabrication/Repair	72.8	284
Agriculture & Related	70.5	141
Resource Technology	83.5	157
Social Services	77.6	304
Secretarial/Clerical	73.6	282
Management & Administration	80.0	323
Sales & Service	77.6	111
Total	**76.4**	**2536**

Table 23
Graduates Who Received Formal Training
by Field of Study

Major Field of Study	Formal Training (%)	Number of Respondents
Arts, Humanities	27.4	72
Health Services	42.6	153
Engineering & Applied Science	51.5	252
Computing Science	65.7	71
Construction/Fabrication/Repair	38.8	150
Agriculture & Related	36.3	73
Resource Technology	53.5	100
Social Services	52.3	202
Secretarial/Clerical	49.5	190
Management & Administration	42.2	166
Sales & Service	39.4	56
Total	**45.0**	**1485**

Table 24
Type of Formal Training Received

Type of Formal Training	Percentage	No. of Resp.
Executive/Managerial	1.0	21
Supervisory	2.2	46
Professional	63.3	1299
Technical	5.9	122
Sales	1.7	34
Apprenticeship	0.4	8
Non-Apprenticeship Trade and Manual	1.9	39
Production Technology Familiarization	0.1	3
Basic Skills	0.3	7
Office/Clerical	5.0	103
Computer Related Skills	14.3	294
Communications and Interpersonal Skills	3.7	76
Total	**100.0**	**2052**

Table 25
Most Frequently Received Types of Formal Training
by Field of Study

Major Field of Study	Type of Formal Training	Percentage
Arts, Humanities	Professional	62.6
	Computer Related Skills	24.2
Subtotal		86.8
Health Services	Professional	84.7
	Computer Related Skills	11.7
Subtotal		96.4
Engineering & Applied Science	Professional	69.0
	Computer Related Skills	13.7
Subtotal		82.7
Computing Science	Technical	47.2
	Professional	36.1
Subtotal		83.3
Construction/Fabrication/Repair	Professional	64.5
	Computer Related Skills	10.5
Subtotal		75.0
Agriculture & Related	Professional	67.1
	Computer Related Skills	10.5
Subtotal		77.6
Resource Technology	Professional	78.4
	Technical	8.4
Subtotal		86.8
Social Services	Professional	75.3
	Computer Related Skills	11.0
Subtotal		86.3
Secretarial/Clerical	Professional	37.5
	Office/Clerical	29.9
	Computer Related Skills	23.0
Subtotal		90.4
Management & Administration	Professional	55.4
	Computer Related Skills	24.0
Subtotal		79.4
Sales & Service	Professional	47.7
	Computer Related Skills	15.9
Subtotal		63.6

Appendix G

Types of Formal Training

TYPES OF FORMAL TRAINING

A.	**Executive / Managerial**	Programs that qualify or upgrade skills required for directing the planning, organizing and contracting within a department or organization.
B.	**Supervisory**	Programs that qualify or upgrade skills required for supervising staff within a section or department.
C.	**Professional**	Programs that qualify or upgrade a worker's theoretical or practical knowledge of a specific field or discipline such as art, science, engineering, education, medicine, law, business relations, administration and managerial or technical work.
D.	**Technical**	Programs that qualify or upgrade skills of workers in direct support of Engineers or Scientists. These skills are primarily related to research, development, design, testing and analysis, installation, operation and maintenance, quality control and production planning. Include training of computer science professionals.
E.	**Sales**	Programs that provide product familiarization and programs that qualify or upgrade skills related to selling commodities or services. Management training is excluded from this definition.
F.	**Apprenticeship**	Programs are formal training leading to journeyman status. Apprenticeship involves a written contract agreement between employee and employer regardless of whether or not the apprentice is registered with a provincial apprenticeship authority.
G.	**Non-Apprentice Trade and Manual**	Programs that qualify or upgrade specific occupational skills directly related to: a) production (processing, assembly, machining, maintenance, repair, etc.,): b) construction trades, and c) transport equipment operation and materials handling.
H.	**Production Technology Familiarization**	Programs that familiarize production workers with new technologies and processes.
I.	**Basic Skills**	Programs that upgrade worker's basic reading, writing and mathematical skills.
J.	**Office/Clerical**	Programs that qualify or upgrade clerical and related skills such as stenography, word processing, bookkeeping, office machine operation, material recording and scheduling, library skills, filing and correspondence.
K.	**Computer related Skills**	Computer usage/literacy for non-computer professionals, e.g., spreadsheets, micro-databases, desktop publishing.
L.	**Communications & Interpersonal Skills**	Programs designed to provide workers with skills leading to more effective communications in the workplace.
M.	**Safety/New Employee Orientation**	